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METEOROLOGICAL OBSERVATIONS, S

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19. KEY WORDS (Continue on reverse side if necessary and ide		
Climatology, surface wind, temperatur relative humidity, station pressure, daily temperature, weather conditions snow depth, and cloud cover	extreme tempe , monthly cli	ratures, sea level pressure, matology, coastal region,
20. ABSTRACT (Continue on reverse side if necessary and ide	ntify by block number)	
This data report consists of a six pa weather observations. The six parts Atmospheric Phenomena, Part B - Preci Part C - Surface Winds, Part D - Cei Part E - Psychrometric Summaries, Pa	are: Part A pitation/Snow ling versus V	- Weather Conditions/ fall/Snow Depth, isibility/Sky Cover.

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SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values. This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

porting forms and combined into Summary of the Day observations (prepared from record-special, DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and scheduled 3-hourly intervals. Daily observations are selected from all data recorded on renourly observations are defined as these record or record-special observations recorded at daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. local, summary of the day, remarks, etc.).

Suspect cases will occur infrequently, but users indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occursistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can Every should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "O". (This value tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your COMMENT: All observations summarized in this tabulation have been computer edited for coneffort is made by this office to maintain a high degree of accuracy and reliability in rence of an occasional spurious value should not in itself be considered significant. be prohibitive due to the handwork involved. comment and criticisms.

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NOCD, Federal Building Asheville, NC

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- By month and annual, all hours and years combined.
- By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Since more than one type of precipitation may be reported in the same Percentage of observations with precipitation - Included in this category are the observations when one or observation, the sums of the individual categories may exceed the total columns. more of the above phenomena occurred.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

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to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction Included in this category are the observations rred. Since more than one type of obstruction Percentage of observations with obstructions to vision reflect the total observations with reduced visibility.

Percentages The total number of observations may vary among tables within the same month and period. may not always equal 100.0 due to rounding practices. NOTE:

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ATMOSPHERIC PHENOMENA

PART A

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This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than pertotal columns.

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later. NOTE:

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly The main body of the (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency observations and is presented by month and annual, all hours and years combined. of occurrences.

WEATHER CONDITIONS ATMOSPHERIC SHENOHENA

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HOURS (L.S.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZIE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	(L.S.T.) ST	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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PERCENTAGE FREQUENCY OF OCCURRYICE OF WEATHER CONSISTIONS FROM HOURLY ORSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	Š	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF PS.
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	*	0.1	10.6				φ 0 •	د ٥ . ٥	14.5			57.1	310
	.0	4.	17.3				10.3	33.5	32.6			51.6	212
	5		P • 1					17.1	29.7			8 . 22	712
		9.	7.7				7.7	11.3	34.2			43.9	117
		3.6	7.4				29 6	10.3	34.2			42.6	1.0
	c T	2,0	7.0				7.7	19.0	29.0			6 F 6 2	31.1
	2.2	7.3	ិ •				0•6:	29.0	16.7	_		44.5	310
	·												
						<u> </u> 							
TOTALS		1.5	9.0				વ•6	26.06	9.92			47.7	2480
								٠					

A U C 73-22 Soul Salfe.

PERCENTAGE PREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM MOUNLY DESFRYATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	500	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.	
1	£ ſ		15.0				J* G1	14 S # E	10.6			51.0	310	
	34	17	€ 6 1				a:	6.2.6	7 • 4			55.5	310	
	C.	P7 •	3.4				3 6	72 N. J.	14.5			50.2	310	
	10		20				3 0	200€	2¢ • 5			43.9	317	
	1	\$	\$				3	14 . 2	26.8			\$9.4	310	
		1.3	7.7				9.7	3 4 9 8	27.4			40.6	310	
	٠.٠	1•3	7.1				7.1	24.65	25.2			6.5°	110	
	.,	ġ•	d e 4				3. 3.	5.08	15.5			\$5.8	310	
						_				-				
TOTALS			9.7				5.7	31.5	19.2			47.0	2480	

73-32 PROPERTY H

C 7 P

PERCENTAGE FREQUENCY OF OCCURRINGE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	90	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ر. ن	10	•	1107				11.7	41.3	¥ • £			43.7	300
	30	• 3	11.7				11.7	46.7	2.3			F 9 9	309
	£ (•	11.3				11.3	ु • । म	3.0			55.3	350
	1.0	٣.	10.3				10.3	22.0	12.7			33.3	37.0
			4.				8.7	14.7	15.0			29.7	300
			13.3				12.3	15.0	15.7			30°	330
		• 1	11.0				 	72.3	11.0			72.D	300
	2.5		12.3				12.3	27	٥•9			33.7	300
								-					
TOTALS		3.	10.3				10.9	27.6	9.1			1.7.2	2409

DC T HOMETH 73-2. DAGUZMICK. mf

PERCONTAGE PREDUTACY OF OCCURRENCE OF MEATHLA CONDITIONS FROM HOUPLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	50	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
130	18		12.3				12.3	36.1	203			37.44	310
	3	9	12.3	~			12.5	78.7	106			39.7	319
	63		10.6	P7			ः	76.3	100			32.04	310
	Ç.		10.6		*		10.6	10.4	3.4			27.7	310
			3 • €				0.0	18.8	7.7			21.9	317
	7		11.6		4		12.3	15.5	10 0			21.9	316
	10	ξ,	11.6		**		1100	20.6	2.6			22.0	212
	5		13.9		2		14.2	27.1	2.9			29.1	312
TOTALS		2.	11.5	-	62		11.7	25.03	4.5			29.9	2483

NO V

PERCENTAGE FREQUENCY OF OCCURATION OF WEATHLY CONDITIONS FROM HOURLY OBSERVATIONS

13 14 14 15 2 2 17 3 2 2 3 17 3 3 3 3 3 3 3 3 3	МОМТН	HOURS (L.S.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN E/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	90	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
13.7	A Sta	5				•		17.3	1.3.7	•	4.		36.3	700
13 13 2 2 2 2 2 3 4 7 3 5 3 4 7 4 3 3 3 3 3 3 3 3 3		i				2.0		•	34.7	•			35.7	300
10		F (2)		13.7	•	2.0			35 ° 50 ° 50 ° 50 ° 50 ° 50 ° 50 ° 50 °	•	• 3		39.3	300
15 11.00 2.03 13.00 2.03 13.00 2.07 7.00 0.3 11.07 10.00 13.00 14.03 20.00 2.03 0.3 11.07 0.00 13.00 14.03 20.00 20.00 0.3 0.3 11.07 0.00 0.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 1		1.0		14.5	•	•		•	75.7	ć			34.7	30.0
15		-				2.3		14.7	21.7	7.0	•		28.3	300
10 11 10 10 12 14 2 2 3 3 3 3 3 3 3 3				~		•		m7	2002	•	•		26.7	300
2.7 11.7 .3 3.3 14.6.3 20.0 2.1 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3				11.7		1.0		12.7	24 • 3	2.7			37.5	202
2 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2.5				3.3		•	€ 3 E	2.			3.5.3	300
2 12 ° ° 2 2 ° ° 3														
20 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														
20 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														
. C 12.0 .2 2.3 15.0 35.0 4.5 .3														
	TOTALS) •	12.0		2.5		15	36.0	4.5	•		12.3	2406

DEC

PERCENTAGE FREQUENCY OF OCCUPARTICE OF MEATHER CONNITIONS FROM HOUNLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	706	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ا د	6			1.65	12.9		21.6	12.21	1.6	1.6		22.6	310
	# 51		5 = 3		1700		17.4	19.7	2.5	106		22.6	310
	7.		20	163	10.3		16.5	24.2	302	2.3		23.1	310
	0		5.5	106	1105		18.4	22.9	5.8	1.9		28.7	213
			7.4		4.6		16.9	16.5	3.9	1.6		21.6	317
	7		7 . 4	1.0	್		17.1	17.1	3.5	103		21.3	318
	13		6.8	43	10.7		18.1	17.5	9.	3.6		19.7	40.0
	7.3		5.0	्ग	10.7		17.5	13.4	100	163		22.5	300
TOTALS			5.45	1.1	16.7		17.9	19.6	209	1.7		22.3	2478
TOTALS			3.6		1		17.2	3	3		209 10	209 10	2.4 1.7

480 185 Cas

PERCENTAGE FREQUENCY OF OCCURSFICE OF LEATHER CANDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	POG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1.4	778		9 6 3	1.4	11.2	٠,	17.4	15.6	2.7	2.5		0.05	2442
 L			d • 4	:: •	6.7		· **	14.9	3.0	163		19.2	2256
: 4 3			9.6	3	7.5		15.2	20.9	2. 17	9•		75.7	288Z
ر. ط:		0•	12.9	C.	67		15.3	21.3	6.3	5.		27.3	2400
. 4		~	13.6		• 1		13.7	27.9	11.5			37.6	2480
1450		Pr)	12.0				12.0	29.0	10.1			2. 4. 2.	2470
بر اند		1 • 5	9.6				0.0	26.5	24.6			47.7	2480
ر. ت		.,	5.7				3.7	11.5	19.2			47.5	2437
() ()		37	10.9				10.3	9.62	0.1			37.7	248.0
13.		•	11.5	•	6.		11.7	25.3	4.6			6.62	C & # C
40%		0.	12.9	- 5	2.3		15.0	28.0	4 . 5	• 3		32.3	2400
٠. ن			8 • 9	1.1	10.7		17.5	19.6	2.8	1.7		23.3	247.9
TOTALS		• 3	9.8	€ 3	3.5	• 0	13.4	24.3	9.4	• 5	• •	32.€	29216

JANUARY 1973-DECEMBER 1982 RAUNSHICK, ME 14011 STATION

JANUARY

NO	58.2	57.7	55.1	70.0	42.1	33.3	37.5	9.85	47.2	6.99	86.1	4 7 6	67.8	6.06	616	75.1		NY N	1810	72.9
BLOWING SAND AND DUST																		\bigvee		
BLOWING	4.0	9.5	1.1						6.				L.	L •	6.	7 1		\bigvee	45	2.2
SMOKE	1.1	5.	4.5	6.7	5.3				8.3	6.8	2 • 2	4.	.7	2.8	1.9	*			99	2.7
ICE FOG GROUND FOG		• 5	1.1									1.	104	1.4	9.				12	*0
fog	19.6	17.6	21.3	23.3	31.6	\$0.0	37.5	# 1 . #	43.7	22.0	8 • 0	5.8	7.2	1.4	3.5	14.7			366	14.7
THUNDER							12.5											\bigvee	¢4	7.
HAIL SMALL HAIL								70%										\bigvee		0.
SNOW GRAINS PELLETS	26.3	28.8	29.2		21.1				2.8	5.1	3.6	2.2	3.6	2 . 8	2.4	12.2		7	270	10.9
SLEET SHOWERS ICE CRYSTALS	1.9	**	1.1				12.5		6.										15	9.
FREEZING RAIN FREEZING DRIZZLE	5.6	2.3	2.2												• 5	1.2			36	7.04
DRIZZLE	30 50	2.7	2.2					3.6	5.6	2.5					.5	5.9		7	5.0	2.0
RAIN							12.5		1.9	80		.,						$\langle \rangle$	9	.2
NIAR	3.2	5.4	3.6	70.0	1.00	1.8.	0°C3	20.7	21.3	3.6	2.2	1.	2.2		\$	3.7		Š	1 30	C • 3
WIND	z	M Z Z	N Z	ENE	W	ESE	SE	SSE	s	SSW	AS	MSM	*	MNM	AZ.	¥ZZ	VARIABLE	CALM	TOTAL	% TOTAL

: ;

TOTAL NUMBER OF OBSERVATIONS

29482

FEBRUADY MONTH JANUADY 1973-DECEMBER 1982 PRONUNCE NE 1 4 0 1 1

HOURS 'L.S.T.)

NO WEATHER	69 .0	51.3	57.4	36.4	33.3	27.3	57.9	65.7	68.4	72.6	87.5	87.1	91.5	91.6	89.1	86.4			1691	75.0
BLOWING SAND AND DUST																		\bigvee	_	
BLOWING	3.2	2.6	5.9	3.0										1.8	2.4	1.1		\bigvee	28	1.2
SMOKE	2.9	4	4 • 4	6 • 1	9.1	9.1		5.7	8.1	4.0	2.8	5.7	. 3	۰ 4	1.4	1.8		X	89	3.6
CE FOG GROUND FOG		2 • D							. 7	1.6	1.4	1.4	. 8		• 5			X	15	.7
50	14.4	27.0	23.5	39.4	48.5	45.5	36.8	22.9	21.3	16.9	8.3	5.7	5.9	4.2	2.8	6.5			322	14.5
THUNDER																		\bigvee		
HAIL SMALL HAIL																		\bigvee		
SNOW " CRAINS " PELLETS " SHOWERS	15.7	23.0	16.2	15.2	1.6	18.2	5.3	8.6	3 •	1.6	2.8	4.3	2.5	3.0	5.7	7.9		\\		8.1
SLEET - SHOWERS ICE CRYSTALS	1.3	5.3	1.5	3.0														$\langle \rangle$	15	.7
FREEZING RAIN FREEZING DRIZZLE	1.3	7.2	5.9	3.0	3.0				•									\bigvee	23	1.0
DRIZZLE	1.6	7.9	7.4	15.2		4.5			3.7	. 8				9.				\bigvee	7 3	1.8
RAIN										3.2		3.						\bigvee	5	•2
RAIN	200	7.02	ec.	15.2	2402	11.5	76.03	10 10	7.4	□•4	10.4	30				3		77	76	3.4
WIND	z	NNE	Ä	ENE	W	ESE	SE	SSE	s	MSS	MS	WSW	*	AN A	* 2	¥ Z	VARIABLE	CALM	TOTAL	% TOTAL

2,256

TOTAL NUMBER OF OBSERVATIONS

PRUISUICK, ME

14.5.1.1 STATION

JANUARY 1973-DECEMBER 1982

MARCH MONTH

WEATHER	65.4	6.69	63.2	47.9	37.7	#8 . S	39.1	53.5	\$9.9	60.2	73.4	77.4	27.3	93.3	93.4	84.2			1742	70.2
BLOWING SAND AND DUST															*			X	-	J•
BLOWING	2.0	9.	2.1						~	٠.					7	1.3		X	15	9.
SMOKE HAZE	2 . 3	1.8	1.1	6.3	8.2	9.1	9.5	6.6	8.5	10.2	6.3	7.5	1.8	2.3	1.3	1.7			122	0.4
GROUND FOG	.					3.0	ļ ———		• 3	2.7						3		V	19	6.0
505	21.5	18.4	23.2	37.5	6.54	36.4	50.0	32.4	28.3	74.7	17.7	13.2	8.2	2.3	3.1	10.7		V	664	20.1
THUNDER	7																	\bigvee		0•
HAR SMALL HAIL																		X		
GRAINS " PELLETS " SHOWERS	11.8	10.4	12.6	20.B	16.4	9.1	3	5.6	3.0	3.8	2.5	3.0	2.7		2.2	5.6		X	139	5.6
SLEET " SHOWERS ICE CRYSTALS				2.1					•	• 5								\bigvee	3	1.
FREEZING RAIN FREEZING DRIZZLE	€.	1.2	1.1	2.1			7.4											77	6	* •
OR122LE	6.9	6.1	5.3	4.2	₹.3	6.1	8	5.6	5.5	1.1	1.3		6.	. 7	1.7	1.7		X	92	3.3
RAIN	1.2	9.					2.4	707	5.9	1.6	1.3		6.		39	*		X	23	6.
N A N	4.5	9.2	3 . 81	16.7	13.0	24 62	19.0	15.5	5.00	7 • 3	-	3 • 3	0	. 7		2.1		V	201	5 • 5
WIND	z	N N	Ä	ENE	W	ESE	SE	SSE	s	SSW	AS.	WSW	3	WNW	ž	AZZ	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

JANUASY 1973-DECEMBER 1982

1.1.8.1' 2.8.1'.

WEATHER	3.24	53.3	□•6#	19.7	34.	36.1	31.1	51.1	66.3	64.1	71.6	86.5	A 6 . 3	2.40	88.3	6006		30/	1663		69.3
BLOWING SAND AND DUST																					1
BLOWING	1.2													9.	3.4	• 5		\bigvee	13		• 5
SMOKE	3.5	₹ • ?	3•€	6.5	2.1	6.4	4 • 4	S • 8	14.5	14.7	7.4	7 . 1	4.5	1.7	1.0	2.4			151		6 - 3
ICE FOG GROUND FOG	•			1.5		1.6			1.0	1.7	2.5	1.4			5.			\$\$ \ \	۲ ن		1.1
606	21.3	34.5	43.0	47.1	55.3	2007	0.09	39.4	16.8	20.5	17.3	10.8	8.1	2.3	5.3	3.8			3		70.2
THUNDER																				• (a •
HAIL SMALL HAIL																		\bigvee			
SNOW GRAINS PELLETS SHOWERS	₹7 • 92	4.2	C • 1	10.3	4.3	9.9	3 . 3			10.3		7 . 1	<u>ب</u>	•	6.1	7 • 4		\bigvee	6.4	•	2.6
SLEET SHOWERS ICE CRYSTALS	7	1.7	1.3	1.5	2.1			1.1										\bigvee_{i}	ex	5 1	• 3
FREEZING RAIN FREEZING DRIZZLE		377																\bigvee	-	•	•
DRIZZLE	°•2	11.8	11.0	11.8	r. 2	11.5	11.1	3.2	1.3	3.2	2.5	1.4				r.			7,	•	3.0
RAIN	4.7	2.5	ુ•1	5.9		5.6		5.3	3	2.6	2.5	3.	2.4	9.	1.0	1.9		X	1.4	,	2.5
N A I) • e-	(·	3	77.0	42.00	19.7	76.7	. Q	12 •	7.0%	3.7	3	•	1.1	√.°•.	C • 1		V	# #₹	,	7.00
WIND	z	M Z Z	A Z	ENE	ш	ESE	SE	SSE	s	SSW	NS.	WSW	*	***	* 2	*2	VARIABLE	CALM		1	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

0.442

PRUNSUICK, ME 14611 STATION

JANUADY 1973-DECEMBER 1982

NO WEATHER	67.0	63.0	46.9	32.4	30.0	37.3	43.2	6.94	57.0	9.09	12.7	77.4	80.3	64.3	87.1	80.0		**	1489	60.0
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	6.5	6.7	4.2	100	0.4	11.9	12.3	16.4	21.3	20.2	9.1	8 · 8	5.6	3.4	5.6	5.7			284	11.5
CE FOG GROUND FOG	1.1	5.0	1.0		1.0	1.5		1.6	2.0	2.4	1.5	3.2	1.4		æ			XX	67	2.7
505	300	23.5	46.9	62.2	63.0	46.3	45.7	34.4	19.9	17.8	18.2	14.5	12.7	2.3	2.4	9.3			429	25.2
THUNDER				1.4	1.0				• 5	• 5						• 7		\bigvee	3	•2
HAIL SMALL HAIL																		\bigvee		
SNOW " GRAINS " PELLETS " SHOWERS	•	3E)													α.			\bigvee	3	•
SLEET " SHOWERS ICE CRYSTALS																		\bigvee		
FREEZING RAIN FREEZING ORIZZLE																		\bigvee		
DRZZLE	4.3	5.9	11.5	20.3	15.0	14.9	6.6	3.6	2.3	1.0	1.5		1.4			2.1		V \	120	80° 37
RAIN	7.6	5.0	3.1		0 · 8	0.9	7.4	2.3	3.5	2.4	3.0	8 · 4		1.1	C) 3	4.9			\$ 6	3.8
Z A I	5.0	0.0	14.6	25.7	18.7	C • 6	6.6	4.7	3.9	2.9	1.5		1 . 4			2.1		X	135	5.4
WIND	z	NNE	Ä	ENE	W	ESE	SE	SSE	s	ASS	NS.	MSM	×	323	₹	*ZZ	VARIABLE	CALM	TOTAL	% TOTAL

NAVWEASERVCOM

2,480

TOTAL NUMBER OF OBSERVATIONS

12678-1677

JANUARY 1973-DECEMBER 1982 STATION NAME TREESTERN SH 14 -1 1 STATION

35.00 MONTH

HOURS 'L.S.T.)

48.3 43.5 34.8 0.44 54.0 71.6 77.1 51.6 4.56 2.09 2.64 34.8 24.6 70.4 1239 26.0 76.1 WEATHER BLOWING SAND AND DUST BLOWING 20.3 13.0 3.3 27.0 13.5 XX 457 12.6 28.1 32.2 11.1 19.0 1101 SMOKE HAZE 3.7 3.4 2.3 2.9 1.4 2.6 3.0 1.0 76 GROUND FOG 28 e t 0.54 42.8 619 50.7 52.0 27.1 16.9 13.8 13.0 6.5 4.2 11.9 700 25.8 45.7 14.1 õ . 80 m 9. 1.4 ~ ~ THUNDER HAIL SMALL SNOW GRAINS PELLETS SHOWERS SLEET ... SHOWERS ICE CRYSTALS FREEZING RAIN FREEZING DRIZZLE **X** 10.2 9.0 14.5 16.0 2.9 1.2 1.1 3 B 3 21.7 **6** 3.7 . 7 1:1 DRIZZLE 2.6 19. X 2.3 2.2 4.3 0.0 4.3 3.1 3.5 £ . 3 2.7 6.9 3.7 5.5 1.0 RAIN 2.3 14.5 7 16.4 5.3 () (0) 8.7 7.0 40.6 1.7 3.07 • • 12t 8 • € 2.0 0.2 Z WIND VARIABLE TOTAL CALM Z N N ENE ESE SSE SSW WSW ≹ Z Z 밀 SE Š 3 ш S

NAVWEASERVCOM

2,400

TOTAL NUMBER OF OBSERVATIONS

JANUANY 1973-DECEMBER 1982 SRUNG ICK . ME 14511 STATION

700

#0.PS

NO WEATHER	68.7	52.5	67.5	37.2	20.5	28.9	26.1	30.9	37.4	45.6	0.63	51.9	70.5	85.3	89.3	73.5		*	1254	20.6
BLOWING SAND AND DUST																		X		
BLOWING																		\bigvee		
SMOKE	10.0	18.6	S.0	16.3	22.7	17.8	17.4	34.0	38.4	36.3	27.5	29.6	11.5	4.3	5.7	1201		N/A	619	24.6
ICE FOG GROUND FOG	1.3	1.7		2.3		2.2		2.1	3 - 1	1.5	3.8			1.0	æ	«C		N N	99	2.7
F0G	16.0	20.3	27.5	41.9	63.6	53.3	6009	38.1	26.2	18.7	23.7	16.7	15.4	5.9	3.3	11.4		\$ ***	593	23.9
THUNDER	1.3			2.3	2.3	2.2	2 • 2	1.0	1.7	1.2	1.5	1.0	5.1	5.9	1.6	2.3		V)	3.8	1.5
HAIL SMALL HAIL											!							\bigvee		
SNOW GRAINS PELLETS SHOWERS																		X		
SLEET SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		\bigvee		
DRIZZLE	4.7	1.7	2.5	4.7	25.0	17.8	4.3	7.2	2 • 2	2.0	1.5			1.0				\ \ \ \	77	3.1
RAIN	4.7	3.4		13.6	4.5	2.2	6.5	3.1	4 . 4	5.3	5.3	11.1	6.4	1.0	1.6	4.5			105	4.2
Z.	S • €	1.	2.5	4.7	4.5	9.6	2.2	5.5	2 • €	10.5			1.3	1.0	8	3 • 7		X	6.3	1.7
WIND	z	N Z	N	ENE	В	ESE	SE	SSE	S	MSS	MS	MSM	M	MNM	MN	ANN	VARIABLE	CALM	TOTAL	", TOTAL

TOTAL NUMBER OF OBSERVATIONS

JANUARY 1973-DECEMBER 1982 SRUTSAICK, ME 14611 STATION

A USUST MONTH

WEATHER	60.09	52.7	47.2	27.9	32.1	17.5	32.7	41.1	41.4	46.2	51.1	4.	71.6	83.9	84.0	77.7			1270	51.2
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	14.1	11.8	9.4	25.6	9.4	17.5	22.4	28.9	50.9	25.9	21.7	22.2	16.7	11.5	b • 6	13.1		V.A.	477	19.2
ICE FOG GROUND FOG	2.9	1.1		2 • 3		1.8		2.2	2.8	1.7	4.3		1.0			2.3			6 7	3.5
50	30.6	1036	45.3	44.2	86.6	63.2	0.64	13.0	28.5	31.4	23.9	9.62	11.8	5.7	5.7	6.9			*69	78.0
THUNDER				2.3	5.7	1.8	1.4	1.1	9.	.7	1.1	1.9				8.		N.	90	•
HAIL SMALL HAIL																		\bigvee		
SNOW GRAINS PELLETS																		M		
SLEET " SHOWERS ICE CRYSTALS																		\bigvee		
FREEZING RAIN FREEZING ORIZZLE																		\bigvee		
DRIZZLE	1.0	1.1	5.7	4.7	3.8	17.5	6.1	1.1	2.0	1.7	1.1	1.9	1.0		6.			X	51	2.1
RAIN	3.9	7.5	5.7	16.3	5.7	80	6.1	5.6	2.4	2.8	2.2	9.3	2.0	1.1	0.	1.5		X	ar C.	3.4
A A H	th = 3	40	11.3	18.6	13.2	7.1	4 . 1	6.7	÷. • ~	79.0	2.03	5.6	C• -			13.7 •		Y.	6	3.3
WIND	z	N K	Ä	ENE	ш	ESE	SE	SSE	s	SSW	AS.	MSM	*	AN A	*Z	*ZZ	VARIABLE	CALM	TOTAL	" TOTAL

TOTAL NUMBER OF OBSERVATIONS

SEPTEMBER JANUADY 1973-DICEMBER 1982 PRUNSAICK, ME I & :> 1 1 STATION

. <u>s</u>	C.	•	•	O	w.	-	~	• 5	C	•	ړی	~	S	٥	S	-	1		•	~
NO WEATHER	\$9.	\$0.6	42.	53.0	35.	54.	45.	.2.	54.	800	0.99	74.2	986	85.6	87.	91.		X	* * * *	63.2
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	3.8	2.4	6.6	5.6	6.5	13.5	16.3	16.1	15.9	16.0	11.3	6.1	8.0	4 • B	3.8	3.9		X	217	0.0
CE FOG GROUND FOG	6.	es)	3.3		6.5				1.2	9.0	1.0		1.1	1.9	1.0	1.3		V X	69	2.9
100	34.3	26.8	41.0	30.9	41.9	29.7	37.1	* 1 . 4	28.5	34.9	21.6	16.1	2.3	7.7	8.7	11.8		V	6.0	26.7
THUNDER	7.		1.6	2.8		2.7		7.01	•2	*		7 • [\bigvee	3.0	3
HAIL SMALL HAIL																		\bigvee		
SNOW GRAINS PELLETS SHOWERS																		\bigvee		
SLEET : SHOWERS ICE CRYSTALS																		\bigvee	ļ 	
FREEZING RAIN FREEZING DRIZZLE																		\bigvee		
DRIZZLE	5.2	7.1	4.9	5.6	9.7		5.7	6.9	2.1	1.1					0.1	3.3			63	2.6
RAIN	5.2	3.9	80	8.3	6.5		14.3	0.0	3.3		3.1							V V	7.8	~
ZiV	6.5	13.01	21.3	8.3	25.03	16.2	5.7	G)	3	3.7	-	6.5		1.0	C.	2.0		X	128	5.0
WIND	z	NNE	NE	ENE	ш	ESE	SE	SSE	0	ASS	A.S.	MSM	*	AVA	¥Z.	N N N	ARIABLE	CALM	10141	TOTAL

TOTAL NUMBER OF OBSERVATIONS

CCTOBER JANUARY 1973-DE CEMBER 1982 TRUNSAICK, ME

WEATHER	0.89	58.5	10.3	\$0.0	30.6	35.7	36.8	50.0	60.2	67.0	83.2	99.9	96.2	87.3	80.4	83.8		V	1697	6.8.4
BLOWING SAND AND DUST																	†	X		
BLOWING																		\bigvee		
SMOKE	2.8	2.2		80	4.1	11.9	5.3	9.1	11.1	8.0	6.2	1.1	2.8	1.6	1.4	3.2		X	113	9.8
GROUND FOG		4.							3.5	2.3	6.	2.2	6.			• 5		X	8.8	2.3
505	26.3	35.6	1.54	42.9	67.3	4.2.4	£ 2.6	38.9	32.5	2.2.	8.0	6.7	10.1	1101	10.3	12.2		X	593	23.9
THUNDER				2.4	2.0				• 3		6.							X	*	-5
HAIL SMALL HAIL						•												X		
GRAINS GRAINS PELLETS SHOWERS			7.7	2.4														X	3	.2
SLEET SHOWERS ICE CRYSTALS	3.																	X		0.
FREEZING RAIN FREEZING DRIZZLE																		VY	2	7.
DRIZZLE	0.5	9.6	8.5	5.6	12.2	7.1	15.8	2 . 8	2.9	1.9	6.		6.	• 8		6.		X	75	3.0
RAIN	1.8	2.2	2.6	2.4	10.2	8 · 8	15.8	2.8	4.1	2.4	3.5					6.			5.1	2.1
Z.	10.7	17.3	21.1	21.4	26.5	76.2	21.1	11.1	6.7	4.7	. 1	2 • 2	٠,	2.4	1.4	3.2		V	17:3	0.9
WIND	z	NNE	E Z	ENE	E	ESE	SE	SSE	S	SSW	NS.	WSW	*	WNW	¥	ANN	VARIABLE	CALM	TOTAL	" TOTAL

TOTAL NUMBER OF OBSERVATIONS

THE CONTROL OF THE PARTY OF THE

MOVEMBER JANUADY 1973-DECEMBER 1982 PAULSAICK, ME

Q N	Z	NA	D81271.F		SLEET · SHOWERS	SNOW	HAIL	2	5	ICE FOG	SMOKE	BLOWING	BLOWING	O Z
DIRECTION		SHOWERS		DRIZZLE	CRYSTALS		HAIL		3	505	HAZE	SNOW	5002	WEATHER
	u •	1.8	7.0	3	3.	7.0			25.6	1.5	2.6	1.5		62.6
ZZ	1 * . 5	1.7	11.7	1.1		2.8			800	1.1	2.8	9.		50.3
NE	11.3	1.6	1.6	3.2		6.5			38.7		6.5			4 . 6. 4
ENE	16.7		16.7			80			33.3					52.8
	36.7		16.7						46.7		3.3			30.0
ESE	.201		5.3						42.1					\$2.6
SE	0.00								33.3					66.7
SSE	16.3	2.6	7.9						36.8		15.8			36.8
H	13 0 G	3.5	4.5			1.0			19.0	2.5	0.0			47.5
ASS	7.3	1.8	2.4					4.	30.3	1.2	12.1			57.0
-	. 9		4.			4.			17.4	2.0	6.7			73.2
MSM	306								12.4		3.6			82.5
	3.0					٠,			7.3					92.0
AZA	1.5		1 • 5			2.9			10.3		1.5			86.2
	2 . 1		2.1			30.5			7.7			•		80.8
***	8.3		1.1			3.9			22.4	1.3	1.3	•		73.7
VARIABLE														
CALM	X		$\langle \langle $	N/	\bigvee		\bigvee	\bigvee	X	X	X	\bigvee	\bigvee	
TOTAL	185	52	£ 01	9	1	\$		-	626		108	•		1563
% TOTAL	7.0	1.0	4.3	• •	C•	2.3		0	26.1	1.9	4.5			65.1

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2,400

TOTAL NUMBER OF OBSERVATIONS

X

DF CEMBER JANUARY 1973-DECEMBER 1982 SPUNSAICE, ME

VEATLER	60.6	54.7	61.5	53.8	20.02	31.3	30.3	30.0	\$2.6	.\$7.6	83.9	93.3	86.1	85.7	95.7	83.1			1721	69.5
BLOWING SAND AND DUST																				
BLOWING	3.3	7.1											1.0		2.5	3.1		\bigvee		1.7
SMOKE	1.5	2.2				6.3	7.7	6.0	3.4	7.6	2.8	2.5	2.0			1.5		V/	5	2.8
GROUND FOG		7.					7.7		2.6	2.5	. 1			9.	1.0			VY	56	1.0
500	13.8	50.9	21.5	34.6	63.3	46.3	46.2	62.0	30.7	28.5	3 0	12.0	8.9	7.5	6.4	8.1		7	# 60	13.6
THUNDER																		\bigvee		
HAIL SMALL HAIL																		\bigvee		
SNOW GRAINS FELLETS SHOWERS	23.6	26.5	34.6	15.4	24.0		7.7	2.0	3.4	3.	4.2	0.3	Co	9.3	6.9	7.7		$\langle \cdot \rangle$	255	10.3
SLEET SHOWERS ICE CRYSTALS	2.4	2.7		3.8											5.	1.2		\bigvee	19	6.
FREEZING RAIN FREEZING DRIZZLE	2.7	2.7	1.5		0.3				1.7						.5	1.5			28	1.1
ORIZZLE	4.2	6.3		3.8	0.00			6.0	3.4			1.0	1.0	2.5	•	1.2			5.2	2.3
RAIN								2.0	2.6	9			1.0		5.	7.		V/		*
Z) A	2.7	3	10.5	23.1	C 407	2,6		7.2.5	20.0	7.6	7.	7.3			•	•		X	3	9
WIND	z	NNE	NE	ENE	ш	11.00	SE	SSE		, MSS	*	WSW	*	AN A	*2	*ZZ	VARIABLE	CALM		% TOTAL

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JANUADY 1973-DECEMBER 1982 RUNSEICK, ME 14 r. 1 1

NG NO NEATHER	63.7	57.2	52.8	42.5	30.5	34.5	39.5	43.4	50.8	56.2	71.3	79.3	36.3	86.5	.1 88.4	61.1	•		18881	4
ING SAND AND AND AND OW	1.9	9.	9	20	-		-	-	0	0		-	20		1.	6.		X	158	
OKE BLOWING	4.5	97	~	7.8	8.6	6.	11.6	16.7	21.0	3.7	70	6.3		3.3	2.6	3.0		A V	2756	
FOG SMOKE	700	1.1		9.	0.	1.3 11,	.5		1.9	1.9 18	1.8 1	1.1	9	8.	3.	• 5		Z V	576 21	
FOG GROUND FOG FOG	2102	26.5	74.7	43.2	55.6	8.8.4	47.6	38.3	26.7	24.1	15.2	11.9	8.7	£ 0 %	5.5	13.8		× 55	6521	
THUNDER	•3	-	•	0.1	1.2		0.	*	\$	3	• •	• 3	• 3	•2	•2	•2		X	80	1
HAIL SMALL HAIL			-					•										X	-	
SNOW GRAINS PELLETS SHOWERS	10.01	11.1	0.8	5.7	4.5	2.4	7.1	6.		6.	1.3	104	10.4	1.0	2 . 3	4.2			970	•
SLEET SHOWERS ICE CRYSTALS	7.	1.1	• 3	K •	• 5		• 2	• 1	0.	0•					• 1	• 2		V	62	•
FREEZING RAIN FREEZING DRIZZLE	1.2	1.6					•2		• 1						• 1	• 3		V	103	1
DRIZZLE	4.2	6.8	6.9	10.9	16.9	11.0	7.0	4.8	9.5	1.7	0.	. 5	*		•	1.6		X	873	•
RAIN	3 2.4	6.1	1 2.4	9.4	7.7	4.2	1 5.7	3.7	3.2	7.9		2.3	-		6.	1.2		V \	627	•
N N	5	7.3	14.1	1.5.	72.1	13.2	13.4	11.3	5.0	3.6	2.4	2.5	1.7	•	0.	2.4		$\langle \langle \rangle \rangle$	1406	5
WIND	z	NNE	E E	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	3	N N N	¥Z	¥Z Z	ARIABLE	CALM	TOTAL	7074

TOTAL NUMBER OF OBSERVATIONS

29,216

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PART

B. SNOW DEPTH PRECIPITATION, SNOWFALL

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOW DEPTH

SNOWFALL*

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual may be misleading. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. તં

Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

From beginning of record thru 1945 Jan 46-May 57 Air Force Stations

Jun 57-present

Snow depth at 0800 Snow depth at 1230 Snow depth at 1200 Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT

U. S. Navy and Weather Bureau Stations

From beginning of record thru Jun 52 Jun 57-present Jul 52-May 57

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF FROM DAILY OBSERVATIONS

			,		:	744	AMOUNTS (INCHES)	CHES						PERCENT		MONT	MONTHLY AMOUNTS	UNTS
PRECIP.	NON	TRACE	5	.020\$	0180.	.1125	.2650	.51.1.00	1.01-2.50	2.51.5.00	\$.01.10.00	10.01-20.00 OVER 20.00 OF DAYS	DVER 20.00	OF DAYS	NO.		INCHES	
SNOWFALL	NON	TPACE	0.1.0.4	0.5.1.4	1.5.2.4	2.5-3.4	3.5.4.4	4.5.6.4	6.5-10.4	10.5.15.4	15.5-25.4	25.5.50.4	OVER 50.4	MEASUR-	\$ 0 0	MEAN	OMEA TEST	LEAST
SNOW. DEPTH	NO.	TRACE	-	2	9	4.6	7.13	13.24	25.36	37.48	49.40	120	OVER 120	AMTS				
NYT	•		1.	5.	F.	5. e.3	, • y	£2	6° € 4	2.				36.1	016	£6.5	12001	C 0 •
£	•	1/3 0 0.75		C?	f. • 61	7.0	13 13	5.0	•	•				34.07	C#3	2.78	7034	11
a v	•	,	•	56	3	7.8	•	7.3	e C s					uri em	3	4.14	13.87	.1.
¥ Y	€ ; * **	15.9	3.1	6.4	*. #	φ. «.	a.	t) • •	• ·	f2 •				\$7.3	939	3.60	12.6	1.13
MAX		17.0	3	G •		9 · a	2 . 4	30 3	1.7					17.1	135	3.25	6.54	.54
ž	• ',' 3	16.5	4.1	7.6	C .	7.1	ۍ ټ	8°	2 ° F	Fy •				36.	07.6	3.36	69.9	.67
র). (2)	16.	3.6	5.0	r	6.5	F)	7.0%	1.7	•				37.62	175	2.76	20.5	t A ♠
DUA	.0	7.	13.	F. 7		5	40 40	4 • 2	•					30.6	930	3.18	3 . r.	1.07
SEP	3	•	7.5	€ 4:	6. 0	5.9	ن • ع	0 •	3 • 1	٠.	•			2.24	GE 6	3.33	11.60	• 50
00) () ()	11.	F. 0	3 •	61 90	5.1	ن • \$	4	0 0	3				31.7	361	3.93	9.64	• 9 5
Š	•	11.2	7.2	6.2	۲ • الم	7.6	5.3	6.0	7 0 0	1.				30.6	933	4.67	128	1.22
DEC	* # * * * * * * * * * * * * * * * * * *	17.1	C1 3	n. 20	5 • 3	7.7	7.4	5.7		2.0				33.1	9+.1	4.70	65.6	1.14
ANNOA	•	**************************************	2.3	6.02	4	7.3	5.3	5.1	202	•	•			34.	11261	44.71	X	X

DAILY AMOUNTS

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PERCENTAGE FREQUENCY OF SHOOF ALL FROM DAILY OBSERVATIONS)

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					!	AMC	AMOUÑTS (INCHES)	(CHES)						PERCENT	1	NON	MONTHLY AMOUNTS	UNTS
PRECIP.	NOV NOV	TRACE	5	.0205	04.30	.1125	2650	.51.1.00	1.01.2.50	2.51-5.00	5.01.10.00	10.01.20.00 OVER 20.00 OF DAYS	OV ER 20.00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NON	TRACE	0.1.0.4	0.5-1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	6.5-10.4	10.5-15.4	15.5.25.4	25.5.50.4	OVER 50.4	MEASUR-	o o	MEAN	15aLVago	LEAST
SNOW. DEPTH	NONE	TRACE	-	2	3	4.6	7.12	13.24	25.36	37.48	49.60	61-120	OVER 120	AMTS				
N	9 • • •	17.5	€	6.1	£ • 3	2.5	1. A. S.	2.4	106	• 6	2.			3.45	933	2002	8-20	9•1
		17.5	4.0	\$ • \$	h.	2.2	1.4	1.9	2.0	۲.	.1			23.	047	15.2	1.04	2.4
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						YWY	AMOUNTS (INCHES)	(CHES)						THEOLEGI		NOW	MONTHLY AMOUNTS	UNTS
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SNOWFALL	NON	TRACE	0.1.0.4	0.5-1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	6.5.10.4	10.5.15.4	15.5.25.4	25.5-50.4	OVER 50.4	MEASUR-	o o			1
SNOW. DEPTH	MON	TRACE	-	2	n	4.6	7.12	13.24	25.36	37.48	49.60	61-120	OVER 120	AMTS			GERAIES	LEASI
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EXTREME VALUES

(FROM DAILY OBSERVATIONS) Wolle Lelolog

STATION

STATION NAME

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EXTREME VALUES

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STATION

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EXTREME VALUES

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(FROM DAILY OBSERVATIONS)

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STATION NAME

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EXTREME VALUES

(FROM DAILY OBSERVATIONS)

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EXTREME VALUES

THE PERSON OF PERSONS ASSESSED.

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

778 30 000

(FROM DAILY OBSERVATIONS)

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STATION NAME

STATION

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EXTREME VALUES

THE PERSONS

(FROM DAILY OBSERVATIONS)

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STATION NAME

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EXTREME VALUES

(FROM DAILY OBSERVATIONS) SNO DEPTH

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STATION NAME TRUNSMICH MT

STATION

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EXTREME VALUES

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STATION

STATION NAME La Proprietable

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EXTREME VALUES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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(FROM DAILY OBSERVATIONS) SNO DEPTH

> TOURSATERS OF STATION

STATION NAME

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STATION NAME

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DAILY EXTREME AMOUNTS

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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION NAME

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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

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• ALSO ON EARLIER YEARS T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is Every month of a year must have valid observations present before the ALL MONTHS value is selected compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964 These values are then used to compute means and standard deviations for the entire Means and standard deviations are computed when four or more values are present for any selected and printed. for that year. column. period.

According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

Percentages are shown by both direction and speed, and in addition the mean wind Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. speed for each direction. ö

these data where light and variable winds are reported with no directions but with speeds given, the speeds A separate category is provided on the form for variable winds, which are reported in some data sources. will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- 1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal Ceiling 200 through 1400 feet inclusive with visibility equal conditions: INSTRUMENT CLASS: greater than 200 feet. ڡؙ

EXTREME VALUES

FROM DAILY OBSERVATIONS)

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EXTREME VALUES

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EXTREME VALUES

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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WINDS SURFACE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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WINDS SURFACE

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 73-52

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

#U.S. GPO 1984 741-348/201

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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105/845-147-4861 O49 .2.U%

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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#US GPO 1984 741 348/201

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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STATION NAME	7.17	8	

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ASA		6 7 1	2.2	7 9	1							0.0	7.1
*	1 • 1	2 7 2		8								5.6.5	5 a G
WWW		2.0	1	4	1							53	7.1
MW			2	7.1	3							2 . 8	A J
MNN	5 8 1	2 5		2.5	, tr							0	6.
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	18.04	
		6 34	4 46	1 4. 1		- 1						0 0 4	3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

() 1 HOURS (1.8.T.) COMBITION

SPEED (KNTS) DIR.		•	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	\$ Al	×	MEAN WIND SPEED
z	,			\$ E								16.26	6.03
N.			-	24								4. 4	5.27
¥					,								5.65
E.		7	Fi									1.1	3.6
•												1.2	542
ESE													
35												7	6.0
358													5.05
8	1.1	, ,	1	7								S: 4 39	5.45
SSW				1	73							4 6 5	11.4
SW.		1 1	1									3.5	9 4 8
WSW				2								2.8	7.44
*	1	2.5										4	S a k
WWW		1		100		15							2
MM		1.0	2 1	1								A 4	5.3
NNW	1			7	33							12.4	7.9
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	25.2	
						:						•	,

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ជា	MONTH	Novás (L.S.T.)		
	YEARS			
	STATION MARK	98V13	MONTHUM	

(KNTS)	÷:	4:4	7.10	11.16	17 . 21	22 - 27	28 - 33	34 - 40	41 . 47	44 - 55	S Al	 -	×
	,												,
Z	•	•	4	1								\perp	4
NNE		7 5		77									•
Z		1 .	£ * §			.50							2.2
Z		•				ţ. •							1.3
	*	3	5										1.1
22		'	. 1										1
3													
32	•											,	-
•	1	•	()										2
ASS		11 1	2.4	1.1								7	4
SW		1 .	4,4	4.								-	7
wsw	* · · · · · · · · · · · · · · · · · · ·		l, •	ly a									7
*	1 7	2.1	6	4		17						ę	4
WWW		1. 1	2.1	£ *	43.							is	~
×	1.0			1 2								ō	1
NNN	,	2 2	2.4	1.45	43	:35						3	
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	5.	ಶ್ಯ •
		* 7		*	*				ĺ				•

#US GPO 1984 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Color to the color	MOURE (L.S.T.)		
VIANG.	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COMPITON	
STATION NAME			

	:	;	;	; ;			;	. ;	;		MEAN
•	2	• •		7 . 77	? •	₹	?	} •	R	R	SPEED
		2.1	3							16 . 5	E. I
1 2		1								6.7	7.2
1 7 1	1	3								3.2	8.7
£				7.						2.1	7.2
1										1.1	5.7
	4									7	7.0
B. 4										11	5.5
,										1.4	E 9
		12		9						4 .	1.2
-										7 . 7	1.1
1.1										1.9	A-7
										1.8	444
1 2 1		7,								C .	500
	[E] 1		76							L a L	1
	15.5	2.1								H - Y	Â
4 4	V 6		1 . 4							7.04	9.2
\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	:10h	
1.6	1		2.1								3
			4. • • • • • • • • • • • • • • • • • • •	4.6 7.10 11.16 17.21 1	4.6 7.10 11.16 17.21 22.27 2.1	4.6 7.10 11.16 17.21 22.27 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.17 2.	4.6 7.10 11.16 17.21 22.27 1	4.6 7.10 11.16 17.21 22.27 28.33	4.6 7.10 11.16 17.21 22.27 28.33 34.40 1	4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47	4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.45 \$2.6

WINDS SURFACE

CONTROL DE L'ESTANT DE GARAGE ET L'ANNE LE L'ANNE DE L'ANNE DE L'ANNE L'

PERCENIAGE PRECUENCY OF WIND	DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)		
PERCENIAGE P	DIRECTIC	(FROM HOUR	5.47	

NOURS (L.S.T.)

COMBITION

SPEED (KNTS) DIR.	1.3	•	01 - 2	11 . 16	12 - 21	22 - 22	28 - 33	34 - 40	41 - 47	48 - 55	% 21	*	MEAN WIND SPEED
z		2.5	1 3	2.1	2.5							16.0	7.9
22	1 × 1	1 1	1	1.1	* *							7.8	7.5
Z	2.	1. 4.	1.1	ij 4								3.2	4.6
Z	*	7,	6									77 0	6.0
_		1.1	6									3	8 - 8
22	73.		3	73								8.4.5	7 . 4
3												1.2.1	ខ្មា
3		1, 1			1 2							1.4	5.3
S	1.0	2.1		- J	4							3 4 89	7.9
ASS	4	1.0	1.	1.1								£ • £	1.0
SW	1 1		2.1		10							6.8	7.1
MSM	**	11 12	13 1	15								Σ = 3r	6.3
*		6.4	1 1	4	11	4						5.25	9.4
WWW		1.1	2.0	1.5								4.4	9.2
¥		7	4		*							6 . 1 !	101
NNN	14	1. 2. 3	6.0	3.0								5 61	9 ° 8
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	11.5	
	8 31	6 7 2 6	23.0	15.6	2 46	ii.						ו פטייט	203

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF OBSERVATIONS

SCAME

102/846-147-4861 O90 2.UA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STACH AND STATION NAME STATE OF STACES STATE STA	

1.3 4.4 7.10 11.16 17.21 22.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21 23.21														
	SPEED (KNTS) OIR.	ç	*	7 - 10	÷ . :	17 - 21	2.2	28 - 23	34 - 45	41 - 47	48 - 55	S, Ai	*	WIND WIND SPEED
	z		r.	•	! •	3							11.5	9.1
	Z	6			١ ١								6.4	4.1
	Z		-	7,									1 - 2	4
	Z		n e										1.4	1.1
	_			-									1.4	BAC
	25		•	3									1	5.1
	3		1.4.			dy .							2.1	B A
	¥			77									705	1
	•		•	ì	1		4						11.0	
	SSW	1.1	2.2	1	2.1								8	7.2
	*			1.1	3								2.5	7.5
1	MSM	(i. •					į.						245	104
	*	3	1	5 4	•	4							6.0	203
	N	1	•	>	•	1							11.3	9.2
	K		1.5	•									12.4	10.4
	NW	7	Č	t a si	5.43								12.8	9.6
	VARBL													
C & 7 3C A C 8 L EV L	CALM	\bigvee	403											
		4 1 1	10	4 62	9-16	6 4	,						3.07.1	100

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TOTAL NUMBER OF OSSERVATIONS

SOMS

WINDS SURFACE

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FER	монти	1 C HOURS (L.S.T.)		
では書き	YEARS	61.6 11.5 Taylor	COMPITION	
化氯二甲基酚阿拉克 形式	STATION MANG			

SPEED (KNTS) DIR.		*	7 - 10	11.16	17 - 21	2.2	8	34 - 40	41 - 47	48 - 35	S Al	×	MEAN WIND SPEED
z	-	4	r.		-							1221	8.1
ZZ		13	1 4	1								1	7
Z		1		4								1, 0	5.5
a a	7	7										1.1	6 . 3
-		-	77									2.5	H . U
25		-										1.1	4.1
×			**									1 0	
355	,	-										1.4	
s			2.6	3.4								6	
SSW				13								A S	6
AS	7,	7										2.5	306
wsw		,	17	L'		<u> </u>						2 8	3 . 3
*	1. 1	2.1	1.1		i i							6 8	4
WWW	1	1	7.	2.1								7	70.5
AN.	4.71	2.0	3 5	1 . 1	1 5							11.0	145
MNN	J - C	7.0	- A A		H							15.2	70.8
VARBL													
CALM	\bigvee	14.0											
		95.6	4 7 4 6	1 61	3	4						0 3 0 E	4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

E	. 22	HOURS (L.S.T.)		
Ca **	33K # 35 7 19	cides	COMBITION	
The Transfer	STATION MAIN.			

SEED SEED DIR.	:	•	7 - 10	* : :	12 - 21	2 - 22	28 - 33	3.	41 - 47	35 - 35	% Al	*	MEAN WIND SPEED
T			,	1	*							17.7	4.4
Z	-	-	1	η, -								6.7	6.1
¥	3		47	P. *								1.1	1
Z		,	1 1	4								2.1	0.4
		9										1	\$45
25		1		.9								1.1	9.0
		23										4	Q • 6
2		-7	9		4							1.0	1.0
	1 .	7 .	1 7 1	49		4						403	6.8
3		1 6	7 1	2.	1.	i, i						5.4	7.4
ž	1 . 1	4										3.2	5.2
ASA	2 6		15. "	- 2		4						2.4	6.2
		*	1.00	4								5.2	BAR
ANA	3	1	c 1	1 2	47							7 . 8	
Ž	~	17	7,	6								5.2	
24	<u>।</u>	2 **	4 C	371	7,							111.5	1.
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	500	
F					,								•

102/846 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) LAND TAKE

STEED (KNTS) DIR.	1.3	*	7 - 10	3	17 - 21	22 - 27	# #	34 . 46	41 . 47	26 · 85	Z Al	*	MEAN WIND SPEED
z			1 17	F 7 5	٤							17.5	7.4
Z.	-	3		5	-							8.7	AAA
ž			¥	12	1	-						1	4
Z			27									1.5	6.5
-			1.4	3								1.5	5 . A
2				•								1 . 2	6.
3												ä	5.43
3			4	W 1								1.6	4.4
•	7 7	1 .	1 2	e e	5							r,	•
ASS			2.1	1.0		-						5	201
ž			T T		10							1.2	4.4
MSM		3, 7		λę	1	1						3.0	7.6
*	c \sim $-$	1 1	1.0	ú	C							5	1.2
WW	,		2.3	2.0	1	C						7.4	8.8
¥	:5	,	3.2	3 6	η,							6 . 2	9.D
NN	C * 1	4, 4		0 6								12.4	
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	17.0	
					•	•							,

105 /845 147 4861 049 .2.U\$

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.		•	7 - 10	11.16	17 - 21	n · n	2 3.	\$	41.4	4 - 55	S Al	*	MEAN WIND SPEED
z	\frac{\frac{1}{2}}{2}		-	-	1							18.3	4
ZZ	-	2 4	-	- T	, d							5 4	1
Z		-	-	*								3.2	1,2
P.		3	2									1.6	4.0
-	-		•									2.6	4.4.2
2			12.4										3 . 5
×												4.	10.3
ž			1.									1.5	3.6
•		7.5	0.4	2.41	F 4							9 . 1	7.0
3		1.9	2.6	2								7.1	
2		1.6	7									2.0	
MSM												1.5	5 8 3
*	6	1.0	2.2									200	5.2
ANN		1.5	1.0	K * 5								100	8 . 4
Š		5 -	2.3	5 1								6.1	120
200			1.6	1.6	46							111	208
VARR													
CAIM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	76.1	
	·				٠							2001	

TOTAL NUMBER OF OBSERVATIONS

105 GPO 1964 741 348/201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 A 10	Nowas (L.S.Y.)		
STATION MAINE VERMS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COMPITION	

	SPEED (KNTS) DIR.	1.3	*.*	01 - 4	11 - 16	17 - 21	<i>u</i> · <i>u</i>	# #	34 . 45	41 - 42	48 - 55	% AI	*	MEAN WIND SPEED
	z	,				-							1 4	24
	Z		-	•		~							2 - 2	100
	Ž		-		-	~							2.2	4
	Z		-		14.								1.9	7.3
	~	-	-										101	200
	3				-								4	Geb
	3		•										1	9.3
	32			-									1	9 . 5
			c		1	7							•	205
	ASS		-	r	*	1							603	202
	35	-	-	*									205	Hok
	WSW												2.4	408
	>	,		-									5 4 4	7
	X X		,		4								5 8	400
25.7	Ž				•								6.0	8 a A
	***	-	1.0	~	3.6								•	843
	VARBL													
	CALM	X	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	e fu	
				ì										7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

F. A. P.	MONTH	MOUNT (L.S.T.)		
73+55	YEARS			
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOVRS (L.S.T.) COMBITION

SPEED (KNTS) DIR.	÷	• •	7 - 10	51 . 16	17 - 21	22 - 22	28 · 33	34 - 46	41 - 47	40 - 55	% Al	*	MEAN WIND SPEED
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			1	*								8 6	5.7
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SW			-									6 Y	7.5
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WWW			6.1	1.5	7	*						5.6	10.8
¥				7	1 . 6	4						12.3	11.9
NV.		-	- A	9 ° 6	A . C	1 7						11.0	11.5
VARBL													
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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

26.2.7 M. E.

NOURS (L.S.T.)

SPEED (KNTS)	1.3	•	7 - 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	95 AI	*	MEAN WIND SPEED
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VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	2.6	
		£ 715	17.1	22.9	9.3							1 20. 1	2.5
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOMTH MONTH	NOURS (L.S.T.)	
YEARS	CLA86	COMBITION
STATION NAME		

SPEED (KNTS) DIR.		•	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	VI 86	×	MEAN WIND SPEED
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SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

	NA ANDREAS	HOURS (L.S.T.)	
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	STATION NAME	SU13 SU13 SU13 SU13 SU13 SU13 SU13 SU13	CONDITION

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	VARBL												ı	
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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

CARCOLOGICAL STREET, CONTRACTOR C

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

EORTH	HOURS (L.S.T.)		
VEARS YEARS	73.4. E. T.	СЭКВІТІОМ	

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 . 21	22 - 27	28 · 33	34 - 40	41 . 47	48 - 55	\$ Al	×	MEAN WIND SPEED
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VARBL													
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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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STATION NAME			

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

200	MONTH	HOURS (L.S.T.)		
G 17	YEARS			
	STATION MAME	6000	COMBITION	

SPEED (KNTS) DIR.	· -	4	7 - 10	11 - 16	17 - 21	n . n	28 - 33	34 . 46	41 - 47	48 - 55	%	×	MEAN WIND SPEED
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-			,	•								1.7	
ESE	-											2.4	306
25			263									1.27	5.4
356		-	-		•							2.5	5.7
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SSW		-	1 2									73	5.7
}S	2 2		<u> </u>									4	106
WSW		1		1								0	5.43
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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VEARS VEARS	11453	HO	
STATION NAME	STATE A THE STATE OF	CONDITION	

SPEED (KNTS) DIR.	<u>.</u>	4	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	×	MEAN WIND SPEED
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ž			1	*								1.2	6.0
2												207	5.43
_	•	À.										1.2	5.66
ESE		*										1.7	S.D.
×			2									1.5	603
35	1	S &	4									107	4.7
•	-	F .	4 7 5	H 1								10)	6.2
SSW	1 .	1.7										6.0	5.8
AS.	2 3	7.72										41	4.3
WSW	1	1.7	81	2								1.0	5.4
*	7	1.7										7.7	100
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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ESE	,	-										0	500
33			1	4								2.0	5.2
SSE		•	-									2.0	K . B
8			2	•	1							F = 4	9 . 8
SSW		2	2.3	8								7. 49	5 6
35		2	*									2.5	E 4.3
WSW		2	-	-	6							6.2	2.0
*	-	~										6.0	84
WWW			2.3	5.2	4.							R	9.0
Ž		1.7	4	18 6	*							7.7	1 9
N. N.	-		4 6	}								7.3	7.9
VARR													
CALM	\bigvee	15.											
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17-62

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10 NOVRS (L.S.T.)

S P C

SPEED (KNTS) DIR.	÷	•	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 35	\$ Al	*	MEAN WIND SPEED
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	• • •	5.65	7.7.2	20.7	0.5	£ Y						1.50	3.6

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6. 4.	HONTE	1 & HOURS (L.S.T.)		
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	STATION NAME			

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(FROM HOOKET OBSERVATIONS)	
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CONDITION	

SPEED (KNTS) DIR.		•	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 . 45	41 . 47	46 - 55	%	*	MEAN WIND SPEED
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SURFACE WINDS

PERCENTAGE FREGUENCY OF WIND	AND SPEED	(FROM HOURLY OBSERVATIONS)	
PERCENTAGE FRE	DIRECTION AND SPEED	(FROM HOURLY	
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*												1.0	5 . 7
386		1.											3.3
*				1.5	4							11.3	7.2
SSW												13 4 4	5.8
AS.		1.											145
wsw		1 1		7-								C X	6.9
*		1.	1									N. D. F.	5.45
WHW		3.0		7								9.07	5 4 3
WN		,	**	1								5 . 3	100
MMM		1.0	7"	1 . 7								7.0	7.5
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	19.7	
	211	25.2	- 26	2.5	2.4							1:03.0	3.1

045 CPV 4861 O95 2.U#

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(FROM HOURLY OBSERVATIONS) TANK COMBITION COMBITION		A P C	NOURS (L.S.T.)		
TrATI	(FROM HOURLY OBSERVATIONS)	ATION NAME	STATE OF THE PARTY	COMBITION	

SPEED		•	9	71 11	17 - 21	72.77	28 . 33	34 - 40	77 . 17	48 . 55	88	*	MEAN
DIR.	: -	•		<u> </u>	• •	1							SPEED
z		j		5 4								10.5	7.4
NZ.		-	1 .	2								2	606
Z		-	6	•	:							. 3	44.4
E.		*		-								22	
-				*		_						2.3	500
ESE												205	306
SE		1		6								4	3 65
SSE		-	-		٢							3	1.1
•	· ·		7	2 6								1200	1
SSW			2	н 1								200	705
¥S.				4.								300	5 e R
WSW				3								7 8	7.6
}		, ,		4	2	C	,					4	7 4
ANA	7			1. 6	ŭ	1						7	204
¥				2 2								8.65	3 6
ZVZ.		į. * ;	¥ ,		17							7	300
VARBL													
CALM	X	\bigvee	1203										
													ı

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

×	момти	NOURS (L.S.T.)		
	YEARS			
	STATION MAME	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COMBITION	

(KNTS)		9. 4	7 . 10	11 . 16	17 . 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	%	×	MEAN WIND SPEED
z	•	,	(.										100
Z.		•		,									
¥		**										2.0	1 0
EN EN		-										6.2	0
1		. •										e ,	3.7
ESE												200	2.9
SE												1.6	•
358												1.6	
8			1	1								12.5	ñ a ñ
SSW		4 6	2.4.5	2								5.2	5.1
AS.		. •										2.2	
wsw												4 .	¥ • 5
*	1	3											3.7
WWW		1										7	€ # #
N.		1.		ć ¥								e c	7
NNN	•	. • }										₹ °	6.47
VARBL													
CALM	\bigvee	2 3 •0											
	,		1 1 1			ŕ							•

102/845 141 3861 OH 3 S N#

TOTAL NUMBER OF OBSERVATIONS

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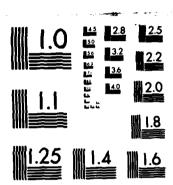
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

A 2	RONTH	MOURS (L.S.T.)		
	YEARS	CLASS CLASS	CONDITION	
2	STATION NAME			

MEAN WIND SPEED	1 9 7	7 8 7	0 3	7 4 7	200	Y = 0	3 6.0	5	5 3	5 3	2 2	300	C * 2 - 2	3 409	3	F 6 7		70	
*	o e	4,	•		-		-	•		4	_		•	^	-	*		\$ # ·	
% A1																		\bigvee	
48 - 55																		\bigvee	
4 . 47															_			\bigvee	_
34 - 40																		\bigvee	
28 - 33																		\bigvee	_
22 - 27		• *							314									\bigvee	
17 . 21			,					1							,			\bigvee	
11 . 16																		\bigwedge	
7 - 10		~				g-		1				+ 1				1		\bigvee	
*										6			-			-		X	
1.3	:					,												\bigvee	
SPEED (KNTS) DIR.	z	N X	¥	ENE	•	ESE	*	SSE	~	SSW	SW.	WSW	}	WW.	ž	Ž	VARBL	CALM	

	AD-A15	0 394	SUM	MARY C	F MET	EOROLO E(U) N EVILLE	GICAL AVAL (OBSER CEANO	VATION GRAPHY	S SURF	ACE (5M05)	2/	4
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SOAT BUT CHARGE TO SEE SEASON

MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

у Д м у Д м	NOUMS (E.B.T.)		
VEARS VEARS	(전 등 전 전 등 등 전 전 등 등 전 전 등 등 전 전 등 등 전 전 등 등 전 전 등 등 전 전 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등	COMPLYON	
STATION MANUE			

(KNTS) DIR.	1.3	•	7 - 10	31 . 16	17 . 21	22 - 27	28 - 33	34 . 45	41 - 47	46 - 55	% Ai	*	MEAN WIND SPEED
z	,,	1	,	3								1203	5.7
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W X	-		-									4.0	5.2
Z		•	1 3									3.9	5.3
_	2.0	ار امو										104	4.7
25			2									1.0	2
*												1.0	3.5
32		1 2										3.5	4.7
•	¥ 6	6.4	7	i. • 1	•							10.2	4 6
SSW.	7	1	2.5	2 1	£. *							7.4	7.42
 	2.0	1.0		2								3.00	8.0
WSW		1.4										206	6.0
 ≯	7 1		1.0									7.9	5.42
NAW.			2.9	**								9.5	R
ž	1 1		2.3	3								3.8	6 . 8
Ž	£ -	1.0			. 1							5 6	7.6
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	17.1	
	£ 11.1		1.76	j j	1 . 0							1 00 00	ď

SURFACE QUENCY OF WIND

WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ÄVH	MONTH	NOVRS (L.S.T.)		
	YEARS	CLASS THE BEST OF THE CLASS COMPANY OF THE CLASS CLASS COMPANY OF THE CL	Санвитили	
	STATION MAMIE			

SPEED (KNTS) DIR.		;	7 . 10	*:	17 . 21	2.2	28 - 33	\$ •	41 - 47	48 - 55	% Al	×	MEAN WIND SPEED
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Ž	-		-	•								6.2	¥ . 6
¥		,	6									4.1	
ž	-											1.2	
T		,	-	~								5.2	5.1
Г				,								6 8	4.2
T	•		-									2 4	
	-	-	-									2 3	
			<u>.</u>	C: -	4							22.6	7.8
XSX.		6. 8	()	5.1								1 8	7.2
Γ	1		2									1 1	4.5
ASA				¥ ,								2.0	5. 4
Г		\	1 - 1	7								7.6	8.4
MNA		-	-	7 - 7	•							5 . 3	9.2
			2.4	2.5								6.0	10.0
Г			1.5	3.2	À							6.1	10.
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	1.	
		101	ت <u>4</u> 4	6 61	1 2							น "เมเ	7.
١													

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23-8 CLASS A THE G

COMBITION

KNTS)		•	7 . 10	11 - 16	17 - 21	2 . 22	# #	34 - 46	41 . 43	48 - 55	95 Al	*	MEAN WIND SPEED
z				-								6.0	8 0 2
N.		,"	-	*								1.55	8.0
ž		-	-									3.5	4.6
Z		1.2	201									Z a M	6.07
-		-	7									305	5 . 3
252		1	1	• €.								3.5	5 . 8
*		,		£ *								7 8	4 4
3	-	2.4	3.0									701	3.5
•		91 37	14.9	£ 47.1	1.5	7.						32.5	9.9
ASS			2.5	6 5	2							547	1961
š		7	**	1								203	245
WSW			•	70								1 0	Sec
*				1.0								1.0	130
***			7	0 6	g _e ,							40.0	411
Ž	•			6 7	1							1.7	4411
24		•	1	2 4 3	1							Sak.	71
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	1.E	
	, ,	25.5	36.8	35.6	2.6							15000	لده

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YA.	E0878	MOVES (L.S.T.)		
	YEARS			
· 8 - 2 2		CIÁN TAE	1011amc	
	STATION MADE			
_				

CONTS)	÷	•	7 . 10	* :	17 - 21	n . n	25 - 33	34 . 46	4 . 4	26 - 55	3 Al	*	MEAN WIND SPEED
z			.,	1	,							4.5	10.0
				[] [1 7 2	3.6
Z		-										2.4	7.0
Z												7 2	6.5
_			-									9	4.4
22												5.5	
3		(Y)	-	£ ,								6.73	5 Y
32		,										F. 201	· ·
•		-	1 7 . 1	A G	1 2	7 -						7.11	10.
XSX			2 2		1							9*11	10.
38	,		1									111	4
WSW				4	*							1 1	1,0,1
*		- 1 ·		1								6 1	9
MMM			1	1 2	\$ 7							6.1	11.8
Ž			1	2 4	1							3 7 3	
24			3.5	0	4							8 3	11.9
VARBL													
CALM	\bigvee	\bigvee	\bigvee	X	\bigvee	3 • 1							
			Ī									,	

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

742	E0212	1 Q HOURS (L.S.T.)		
Ca + 1: 6	YEARS	141 L 2 A 1 Km 0	соивітюн	
25 AU 10 AU	STATION MAINE	117		

CKNTS)		•	7 - 10	= : •	17 - 21	22 - 22	8	3. 5	43 - 49	48 . 55	\$ Al	×	MEAN WIND SPEED
z												5.1	\$
¥	′.	-										2.5	5.4
ž	-	4										2.5	3.6
Z	•		1.1									2.4	5 . 2
	£ •	1.0	7									4.5	4 4
25		3 4										9.5	3.6
×	•	2.3	1.									1.3	5.3
3	•	6.4										5 e k	9.2
•	-		11	6.4	2 4							25.2	* 2
SS				6 7 6	12.0							12.3	7.8
Š	1	1, 2	L.	4								4.5	5.1
ASA		7	1									Lab	
>	7	± * 1										2.5	
ANA	j.	1.0	1									2.1	
Ž		12 TE	3.2	ं र								8 8	Bett
MM	5	1.3	1.3	¥ *	3							13 4 49	5.7
VARR													
CALM	\bigvee	8 • 9											
	•	ا مدات	7 3 L	6 3	1	~						W W 4	•

TOTAL NUMBER OF OBSERVATIONS

SOM

SURFACE WINDS

22 NOVRS (1.8.T.)

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(KMT3) DIR. NINE NE ENE ENE ENE SE SE SSW WSW WWW	
	2.5
· >	3

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

5241 C34 COMBITION

SPEED (KNTS) DIR.	 	•	7 - 10	91 - 16	17 - 21	2 . 22	28 · 33	34 · 40	41 - 47	48 - 55	3	*	
z			2 8 2	2	1							7	
N.	1.01	1.	1	3	- T							7	8 . 4
N.		1 .	- ¥ E	5								•	6
				1								P. Y	2
.	2.4	1.7		6								t .	•
ESE	1 7	1.1	P. 4	2.5								2.	*
38		13.4	***	15.7								•	•
388		2.1	1.2	6								9	6
8	7.7	1	8.1	3.9		C. 4						23.6	
SSW	1 0	2.5	2.0	1.2	5.2							9 9	
SW	,	1.		4								2.7	
WSW		1.5	14		2							3 6	
*	1			ls.	C 4							2.9	
WWW	is is	1.1	1.	1	11							3.5	
¥		1.1	1	1.00								3 6	
NA.		1 1 5	1.5	1.0	5	*						5. 2	
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	14.5	
	1,3	0.36	~ 16		•	•						* **	

TOTAL NUMBER OF OBSERVATIONS

SMOS

.)Z/R¥6-14/ ¥861 049 'S'N

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMBITION

MEAN WIND SPEED	4.1					2.7	1.7	0.4	Ą		1.6	7.8							4
*	200	2.7	1.2	1.7	7.0	1.5	3	1	202	7.0	1.1	2.3	2.7		3.2			_• 8₹	- U. 1
Al Al																		\bigvee	
48 - 55																		\bigvee	
41 - 47																		\bigvee	
34 - 46																		\bigvee	
- 33 - 33									-									\bigvee	
12 · 12																		$\left\langle \right\rangle$	
17 - 21										- 4				8.		7		\bigvee	
11 - 16				4						7				1	7	7		\bigvee	٠
7 - 10	3		F-	2	1		14	1 1	3,5				•			-		$\left\langle \right\rangle$	
•	,	7.			•		1			1		1	, i	,	3			X	,
				-			,	-							1			\bigvee	:
SPEED (KNTS) DIR.	z	W.	ĭ	Z	_	ESE	3	25	s	SSW	NS.	WSW	*	WNW	WM	N.	VARBL	CALM	

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SURFACE WINDS

- The state of the

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 4 2

CLASS

COMPITION

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1.3	*	7 - 10	11.16	17 - 21	n · n	28 - 33	34 - 40	41 - 47	48 - 55	%	×	MEAN WIND SPEED
z				7								3	25
ZZ Z		7										2.2	4.4
ž		1,										3.7	0
Z												203	44
	-											7.0	204
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3	1	6										1.07	718
SSE												3.02	उ
•	,		676									17.	न्द
\$2×				-								7.1	t a d
*		•										2 2	2
WSW	-		,									O C	खर
*	-		7.	2								202	गुरुष
WWW				-								201	20
Ž	-	-										الم ال	200
Ž	•	1.7	•									3.00	3.2
VARBL													
CALM	\bigvee	12.											
	- 2	三 相正	11.7	14.8.7								1:0.0	3.6

102/846 147 4861 049 2 UA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMBITION

SE S	-	÷	11 . 16	17.21	23 - 22	28 . 33	d te	41 - 67	55 - 4	3	
MSW W			,								
WAW WAN		7 7 7	7								
CALM					\bigvee				\bigvee	\bigvee	 11.7

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMBITION

SPEED (KNTS) DIR.	- 3	4.4	7 - 10	.	17 - 21	22 - 27	28 · 33	34 - 40	D - 14	4 - 55	% Al	×	MEAN WIND SPEED
z												1.03	1.0.1
Z			~									5.0	5 9
ž												8 a 1	7.6
ENE												2.0	4.8
_			-									4 . 7	3.05
ESE												2.1	4 . 1
25												1.2	5.01
38		-	F .									7.47	5.0
	-		11.	2.2								2495	7.4
SSW		12		2 1								100	7.5
*			7	1								4.03	9 4 6
WSW			-									10,	20.7
*				۲,								2.47	9.0
WN.			. • .									. 4	ZeB
Ž			4	2 * 1								7.1	3 4 5
<u>₹</u>			1									4 . 7	£ 4.3
VARBL													
CALM	\bigvee	6. 9.3											

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

,	, ,						.						4
		STATH	STATION NAME						YEAR			-	HONTH
		!			- ;	i S en							~
	ı					CLANS						10 nox	HOURS (L.S.T.)
	l				88	CONDITION				Į			
	ı									1			
SPEED (KNTS) DIR.	1.3	•	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% Al	*	MEAN WIND SPEED
z		-	-	•								*	,
Z		*		,								•	
¥				,								, ,	
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ESE		~											•
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SSE	,				4							-	3
s			-	11								•	6
SSW		,-										10.0	
AS.			1									6	7
WSW				4								•	4
>												5	72
WNW				1								• •	6
×												7.	n.
NNW												•	a
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	X	X	\bigvee	•	
			,	e d									-
					ŧ								

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

	I (P.	HOURE (L.S.T.)	
FERCENTAGE PRESCENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	7.7 中記コ STATON MAME VEARS	31.1 SEATHER	COMBITION

-:			7 . 10	11 - 16	17 . 21	22 - 27	28 - 33	34 . 46	41 - 47	48 - 55	% AI	*	K A S
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	:			۲								•	4
				•								24	201
	-	-	-									2.7	4.4
		-	7									2	G 8
												3.2	6 . 8
		 -	-									4.5	8 . 8
	1 ~			-	9.4							B &	7.64
		-	1.4	17.7	7							71.4	9.7
	'	-	2	7								14.3	9 . 8
	,		() ()	1.7								4	145
		,	~ `	9								107	पुरुष्ठ
		Ľ	7	*	7							100	500
		-	*	1.3								60	9 .0
	-		, " [1 2	Σ •							307	3 4 5
		,	1.0	1								203	7.5
V	$\left\langle \right\rangle$	()	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	1.	
		,			•							0.001	**

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1		87A710H	MANE				•	F	YEARS				
			i i		-	Charles Tark				1		SHACH	1 G. B.F.)
	ĺ				8	CONDITION	 			ł			
	ſ		 							1			,
SPEED (KNTS) DIR.	:-	• •	01 - 7	11 - 16	17 . 21	n · n	28 · 33	34 - 40	41 - 47	48 . 35	35 AI	×	MEAN WIND SPEED
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Z				1								100	444
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Z	,,	2											5.5
	?	2	ť.									4	4.1
252												U	5.2
35			4									2 9	4 . 1
3		,	1	•								1 3	5.4
•			. 61	2 2	1							20.0	6.6
SSW	T T	7 7			¥ .							3 15	7.7
AS.		5 . 3										1	2
MSM												C	1
*		- 1	7	7								1 4 4	5 5
WWW				7								3 .	3
MM		4. 6	7									2.2	8
MAN			1.3	3								1.2	4.1
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	5.0	
		1. 64	7 7	0.0								C*US I	6.0

GPO 1984 741 348/201

WINDS SURFACE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM MOURLY OBSERVATIONS)

2005 MEAN WIND SPEED 2.2 HOURS (L.S.T.) 2.5 25.2 900 7 4 7 3.2 40.7 X X 48 . 55 41 . 47 34 - 45 28 - 33 22 - 27 17 - 21 11 - 16 7 . 10 .. WSW WSW VARBL STED DE STED ¥ × × \$2 NW NW }

TOTAL NUMBER OF OBSERVATIONS

300

6. 64 C.

CALM

•

#U.S. GPO 1984 741-348/201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HAM OF	HOURS (L.E.T.)		
72.4.6	At 1 25 2 1 45 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	COMBITION	
STATION NAME			

NNB SSW WSW WSW WSW WSW WSW WSW WSW WSW WS	34 - 40 41 - 47 48 - 35	NEAN WIND
		6.26 5.28
		7.7 5.4
		2.5 5.6
		-
		2.5
		5.7 6.6
		3.6. 1.9
		*
		4
		a " 7 3
		S. B. A.S.
CAUM		Baz SaB
	X	1.2.
		130.5

٠

TOTAL NUMBER OF OBSERVATIONS

102/846: 147.4861 OPD .2 UA

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	4	STATION MAINT	1 KARE						YEARS				HONTH
	1				7 7 7	CLE SEATURE				1		88 nos	7.3 HOURS (1.8.T.)
	•				8	COMBITION				1			
	ı									1			
SPEED (KNTS) DIR.	-	•	01 . 7	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	28 · 35	35 Al	×	MEAN WIND SPEED
z	6	2.0										100	4 4 3
Z												12 T	6.0
ž												15 1	3.5
Z												2 1	4.7
	7	()										1.0	503
252												1 1	2.5
*	1											1.9	1.7
388		£ .										2.3	3.6
8	5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 0	- 1								17.7	4.8
WS8		2.0	2.5	Q 1								4.0	S. B.
»S	- 1	1.7		. 3								ક જ	5.0
MSM				3								E	1.5
*		1	4									-	305
WWW		10.7										302	3 6
W	100	203										3.2	3.0
NNN	1 3		1	٠								3.65	4.66

TOTAL NUMBER OF OBSERVATIONS

17.1

VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1:17	MONTH	NOURS (1.8.7.)		
	YIAR	11 1 41 1: E. 2	Compition	
	STATION MAINE			

SPEED (KNTS) DIR.	:	*	7 . 10	# · :	17 . 21	22 - 27	28 - 33	3 6	4 . 4	48 . 55	%	*	MEAN WIND SPEED
Z		•										6.5	7.8
Z												9.5	1.1
Z	-	,										1	2.6
Z												1	1
_	-	-										2.3	2.5
25												1 . 5	2.0
 #												1 2	
388												2.3	2.1
5			-	1.4								17.4	0 1
SSW			-									6 8	5.2
š			8										5.6
WSW	-											¥ . C	, ,
>												2.5	2.8
WWW												1.6	6.5
Ž		-										2.4	5.5
24			-									1.01	4.7
VARBL													
CALM	\bigvee	\bigvee	\bigvee	X	X	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	L 0 6 2	

105/846 147 4861 040 2 UR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 1 1	E 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10	MOURS (1.8.T.)	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	YEARS			
i control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	STATION HAME		98773	COMBITION

SPEED (KINTS) DIR.	 	• •	7 . 10	91 - 16	17 . 21	72 - 27	28 - 33	34 - 46	41 - 47	26 - 85	% Al	*	MEAN WIND SPEED
z		3										5 4	d. A
Z Z	7											3 2	4.6
Z		1										200	2 4 5
Z	1	-										3.5	3.9
_	-	"	•									1.0	3.5
ES.E												1.6	3.6
35		4.3										1.5	~
ž		-										2.0	3.
*		y U	F 8	1.5	\$ 4							16.1	5.4
SSV	\$ 4 \$	2 0 0		ŞY								7.4	5.6
AS	\$ * E	5.4	1.3									4.4	4.27
ASA	6 4	1										3.2	3.0
>		2 41	- T									2.4.2	5.1
WWW	1		5 1									7.4	6.3
Ž	,	•	1 6	9.								9.5	7.0
Ž		0 12	c.	'								6 9	5.6
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	16.4	
		7 76	* * *		•							24.	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMBITION

See (KNTS) Diff.	1.3	;	7 . 7	÷ . :	17 . 21	n . n	28 · 33	2 5	41 - 47	\$. \$5	3	*	MEAN WIND SPEED
†	-											7 . 4	4
22	-	-										0	5 5
¥		-										7	5.3
Z		-										1	102
T		,										1.	448
22	-		1									22	8 . R
3		-										7	445
3	-		-										8 4 8
	,		-	7 1								417	7
ASS			~	· •								2	4 4
3		-										1	7
ASA				-								4	7
>		,	-									3	7
New	•		,									2	Beg
			,	4								7.7	105
		-			*							1.0	647
VARM													
CALM	\mathbb{N}	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	د ۰	
F												0	3

102 845 147 4861 095 2 UA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND	DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	

		STATION NAME	H NAME						VEARS			1	HORTH
	1		Ė		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CLASS						MAON	NOUNS (L.S.T.)
	ł				100	COMBITION				1			
	1									1			
SEED (KNTS)		• - •	0t - 7	11 - 16	12 - 21	12 · 17	28 - 33	34 - 40	41 - 47	46 . 55	SR AI	æ	MEAN WIND SPEED
z	- 1	•										3	7.5
Z		2.45										7.4	5.7
¥			7 1									\$ 1	5.2
												1.4	5.3
-												2 2	4.1
353	•		1									1.9	3.05
25		1										1.0	5.2
**	T T	. •	3 6									5.02	4.66
8		,	16.1	0	4.							26.5	9.7
SSV			S	5 4 4								19.8	3 6
SW.		10:	1.	1	7							3.9	9.3
MSM		1.0	1.0									2 3	7.06
*]		1.4	.4.								2.5	11
WWW				2.5								3 6	3.6
¥		,	-	2 . 1.	~							6.1	1321
MAN		1.	200	1.9								C. 8.0	9.3
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	¥ • 2	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)		MEAN WIND SPEED	7.5	Seb	4	4	F 9 5	7		4.4			306	8	1.2	11011	6	2.8			2
HOOM		3R	305	1		-	,	7	2.	2 4	(1)	246	*	2 2 3	6	30.7	6 0	503		. • .	1.5.7
		85 Al																		\bigvee	
1		48 · 55																		\bigvee	
		41 - 47																		\bigvee	
		34 - 40																		\bigvee	
		28 · 33																		\bigvee	
AL CAMPA	соивітюн	2.2										4				-				\bigcup	ü
	8	17 - 21								7	•		73		-		\$.	- 5		Δ	-
		ði - it									7	, ,								\bigwedge	17
		7 - 10	,							¥ .	Ĩ	11								\bigwedge	30 2
		• • •				-			,		•		1	,			1	1		\bigwedge	
•	, ,	1.3	•																	X	
		SPEED (KNTS) DIR.	z	Z	Z	Z	 	ESE	3	35	•	SSW	AS	MSM	*	MMM	K	MMM	VARBL	CALM	

SURFACE WINDS

The second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of th

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) SEA 7 10 EC COMBITION STATION NAME

SPEED (KNTS)	- 3	••	7 . 10	3 56	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	%	*	WIND
DIR.													arcev
Z				**								100	40.3
ž	•	1	•									1.	400
Z													30.7
Z	•	-	*									101	407
-		•										1.5	4 2
25		•										1	402
*	-	1 .										200	404
33	-	4										S 8	4 4 45
•		5 - 5 1	11.	Ä								\$ 2 B	5 0
SS¥	(r	2	7 . 1	•	1							23.7	5.42
š			1.5	1.0								7 .	3.0
S			1									3 5	Ja.
*	4		1									203	1
ANA		C -1	7									30.7	203
Ž		2.2										5	2
MMM		1.5	1.4	7								2.05	5 4 2
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	2.65	
				۲ ۲	*							1.50.1	u

TOTAL NUMBER OF OBSERVATIONS

SOMS

102/845 147 4861 O92 2U#

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MEAN WIND SPEED HOUSE (L.S.T.) × S Al 44 · 55 41 - 47 34 . 45 28 · 33 22 · 27 COMBITION 17 . 21 11 - 16 7 - 10 9 . 7 .. ANA ANA NA NAW WSW WSW SPEED (KNTS) DIR. SSK ` z | # # # 25 25 25 • w

. . .

VARBL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VEARS

CLASS

	1				200	COMBITION							
	I												
SPEED (KNTS) DIR.	.:	9:	7 . 10	91 - 11	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	3 5 Al	*	MEAN WIND SPEED
z	•			12	:							بو	2
Z.	•		7									7 0 2	2 4
¥	7.		:									, •	1 3
Z		•	¥ *									103	, a
-		-									-	1	7
25												2 4	30.5
33	.:											54	349
32) . u		7.								2	4
~	10		()	2	6							4	2
SSV	-	1	13 .										7.2
3		1.7	2 4	4								4	7
WSW		•		1								E 0	न
>		£ • ;										1 4 2	205
WWW		*			÷							4 4 1	7.0%
Ž			1.0	¥ •	,							1, 8	7-1
ŽŽ	1	- • ·	1		•								203
VARSL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	16.7	
		1.40	26.5	2	9							1:0:1	لتعذ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

E-HOR	NOURS (E.S.T.)		
YEARS			
STATION MARK	99713	COMD(1) 0 M	

	1.3	4.6	7 - 10	91 . 11	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
z												7.3	- S
W Z	-											د د	4
¥		-										100	, v
ENE												4	3 5
												-	, L.
ESE	,	-										, ,	ų gr
35		*										1	
SSE												1	3
s		2		1 7								1	5
SSW			2								~	1	1
×s.												0	
MSM													,
*												2	3
WNW													1 2
≩			1	•								P	,
XVX				•								2	ă.
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	M	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	•	
		5 ° L		J.								3.5.5	2.4

102 845 147 4861 049 2 UA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AUS	D th	-	
TY = NY	41 L WE & 1248 F	COMPITION	
STATION NAME			

SPEED (KNTS) DIR.		• •	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 . 46	41 - 47	48 - 55	%	*	MEAN WIND SPEED
z	2	6.28										12.0	302
Z		•	'									1.7	7.8
¥	1											a ta	Ca B
Z												10.2	3.0
-												2.3	11
22												2.0	6.0
*	•	2			•							103	7.5
386	-											1.9	402
8		7 9		y•								1203	4.5
SSW	-	0 0		-27								5.41	400
×		2.0		•								2.5	3.00
ASA				7									12.2
>		4										1.3	3.5
WWW	1, 1			* *								2 0	Cas
Ž		7			Ĭ.							3.5	40.8
N.	7	10°										403	7
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	41.6	
	•	• • •		* "	,							3 801	C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11,17	RONA	NOURS (L.S.T.)	
	YEARS		
		1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	COMBITION
	STATION NAME		

 13.21	7.2
11/	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4	E-108	HOURS (L.S.T.)		
	YEARS	1 3 F 1		
	STATION NAME	1. 3 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m	CONDITION	

SPEED (KNTS) DIR.		4	7 . 10	11 . 16	7.21	22 - 27	28 - 33	34 - 40	41 - 47	4 28 · 58	3	*	MEAN WIND SPEED
z		-	,	Ĭ.								2 6	5.6
Ž	-			7.5								7.1	52
Z		1. *		3-1								5.2	5.6
Z												3.6	5.5
	5		•									3.5	3.8
ESE	6 0 1	•	Ì			-						' " L	6.3
×		1										1.	3.5
SSE	12 6											5.5	4.6
•		F 7	1	-								14.5	6.4
SSW		-	2.4	1. 1.								9	7.2
*			•	,,,								3.2	5.49
WSW.		- 1										2.6	5.1
>		,,		~								1.46	P. d
ANA			1 .	4								4.5	0.4
Ž		0.0	7	C **	2 4							7.4	E . 7
Ž¥ Z		-	F .	77								4.1	7.9
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	£ .	
		, ,	,,,		F	-						5	- 6

SURFACE WINDS

		STATIG	STATION HAME					-	YEARS] 	HONTH
	ı				100	Cives Cives						58 AOA	1 T HOURS (1.8.T.)
	I				100 100	COMBITION				1			
	•	<u> </u>											
SPEED (KNTS) DIR.	1.3	•	7 - 10	11 - 16	12 - 21	n - n	28 - 33	34 - 40	41 - 47	48 - 55	95 A1	æ	MEAN WIND SPEED
z	,	,	2.3									2 4 2	7.6
Ž												2.3	3 0 15
¥		1 .										1.5	6.6
Z												2 2	5 . 13
•	-	1	-									3.2	7
252												2.1	4.4
35		1.	1.2			1.						3.2	ं क
388			1 1	-4								A, E,	7 . 4
S			2.71									- 0 -	N. T
MSS		, i		1								12.5	, ş
AS.		1		2.	1							3 0	7.8
WSW			-	Α.								3.8.2	404
×	-											7	6.8
WHW		-	-	-	-							2	3.6
W													a)
MNN		,	7.0	2.3								7.1	9.0
VARBL													
	1	1			1		7	7	\ /	7	\ /		

TOTAL NUMBER OF OBSERVATIONS

CALM

102/845 141 348/201

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.)

SPEED 1 - 3 4 - 6 DIR.		NN SAN		ENE .		363	35	385		MSS ASS			~	2	*		MMM
7 . 10	7 6	• ;	•	•			9-1	-	16.5	6.00	. • 2	•	-	F)			
11 - 16 17 - 21	•		=					,		5 .			1	2 4	2 •		-
22 - 22																	
28 · 33		_															
34 . 45																L	
41 - 47																	
48 - 55																	
\$																	
×	2	100	1 4	1.6	2.5	3 6	1		13.2	17.4	4	10.	2.45	6 8	3 6 77	3 (3	۱
	7.5	200	र्	u V	5.1	5.2	-	7.1	3	2 0	3.8	10.3	3.2	3 . 3	7.2	9.7	

TOTAL NUMBER OF OBSERVATIONS

SHAOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

A PARTIE	HOURS (L.S.T.)		
YEARS		NO	
STATION NAME	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COMPITION	

SPEED (KNTS) DIR.		÷	7 - 10	31 . 16	17 - 21	n · n	28 · 33	34 . 45	41 - 47	48 · 55	3 5 Al	*	MEAN WIND SPEED
	'											1	
Z Z		'										7	
Z												1	
Z.	-	,										1	
-												1	
ESE												1	
-	[()	-											
22	-												
	-	-	,									70.1	
SSW				-	4							17.4	
×s.	-	,		•									
WSW				1								*	
*		-	-	4									
WWW			-									206	
ž.		-	٠	,								2	
Ž				•								9	
VARBL													
CALM	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	1.5	
 												0	_

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2.2 NOURS (L.S.T.) YEARS 13.00 COMBITION

SPEED (KNTS) DIR.	 	•	7 - 10	¥	17.21	22 - 23	28 · 33	4 . 4	41 - 42	4 26 ·	3	*	MEAN WIND SPEED
z												5	249
Z												3.5	1.2
¥												1	5.7
Z												1	5.2
-		•										1.5	7.4
ESE		Ľ										1.0	I.A.A.
*												1.6	2.0
388			-									205	4.7
•	9 7			1 2								12.5	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
SSW	2	3	2.2	7.4								12.1	5.04
XS		L										1.2	8 8
WSW		5		<i>1</i> .*								106	5.2
>				4								3.2	105
WWW		-										2.6	4
ž		1										205	409
Ž Z	•	2.0	1.									2 4 3	4.8
VARBL													
CALM	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	10.4	
				,									-

4U.S. GPO 1984 741 348/201

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

•	7 - 10	11 . 16	17 - 21	22 - 27	28 - 33	2 5	4 . 4	4 . 35	S Al	*	MEAN WIND SPEED
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\bigvee	\bigvee	\bigvee	X	\bigvee	X	\bigvee	X	X	X	. 0	
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CLASS CORDITION

3.1 HOURE (1.8 T.)

SPEED (KNTS) OIR.	e. -	**	7 - 10	91 . 16	17 - 21	22 - 27	28 - 33	34 - 46	41 . 42	48 - 55	\$ Al	*	MEAN WIND SPEED
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	~ ~											٠,٠	2.5
													2.5
ESE	F- 1	1										1.	3.5
35													6
SSE			4		2							2.5	7.1
8		- 1	1.7	7								11.	4.1
SSW												11.7	44.2
SW	1 1	1.3	1 . 7	7								ر ک	4.9
wsw		1.7										1.2	4.2
*		1.2	7	2 *								34.7	40.7
WWW			î.									10.5	12 4
NW	7		*									7.0	à a b
MNN		1 1	λ .	2								4.4	4.5
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	:7.	
					•							1001	

11.000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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	l				8	COR01710H							
	1									[
SPEED (KNTS) DIR.	-	•	7 . 10	91 - 11	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	%	æ	MEAN WIND SPEED
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WSW		•	-									11	-
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WWW	-	, ,										208	4
¥												20.2	3
MNN												-	3
VARBL													
CALM	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	. •	
		,		8 *								100	7

TOTAL NUMBER OF OBSERVATIONS

SMOS

102 845 144 4861 092 2 UA

SURFACE WINDS

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HOURS (L.S.T.)

CONDITION

STATION NAME

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SPEED (KNTS)	1.3	9.4	01 - 2	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	35 Al	*	MEAN WIND SPEED
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z	4											7	5
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Z												1.5	1.7
ENE												-	2 4 7
													2.5
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		•		-								7	4
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33			-	F								24.8	2
WSW			7									-	402
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WNW		-	1.	+	_							1	1
¥	~ 1		1									4	4
NA.		,	1									,	
VARBL												i	
CALM	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	X				7.	
		, ,,		P-								1.50	<u> </u>

TOTAL NUMBER OF OBSERVATIONS

100

SHMOS

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MEAN WIND SPE 3 × S Al 48 - 55 41 - 47 YEARS 34 . 40 28 - 33 22 - 27 COMDITION 17 . 21 11 - 16 7 - 10 .. VARBL CALM SSW WSW. N N WNW SPEED (KNTS) DIR. 2 2 2 2 3 - 2 2 2 * v

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) ONTH DE CONDITION

SPEED (KNTS) DIR.	÷	•	7 - 10	9:	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	% Al	*	MEAN WIND SPEED
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ENE		•										7 .	2.6
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25				•									197
326				۲.									7 . 4
			-	,	٠							25.8	4.7
SSW		*		;	7							12.7	9 a 4
*S			1	1 -								2 . 3	7
WSW			•	-								2 . 3	
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WWW			7.									15.0	3.6
ž				2.4								٩	c.
N.	•		7 -	1.2								7.	B
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	5.3	

TOS 1846 LAS ABEL OND SUR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIC	STATION NAME						YEARS				MONTH
	1				15	CLANS				ĺ		# non	NOURS (L.S.T.)
	ľ				CONI	CONDITION				ľ			
	ı									ı			
SPEED (KNTS) DIR.	-	•	7 - 10	11 - 16	12 · 21	22 · 27	28 · 33	34 - 40	41 - 47	48 - 55	35 AI	×	MEAN WIND SPEED
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E		· -	~										3 .
		-											1
ESE													•
35													1,
SSE			-		**								
•	-												

TOTAL NUMBER OF OBSERVATIONS

SSW SW WSW

WNW WNN

VARBI

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	S E P	MOUNE (1.5.T.)		
(FROM HOURLY OBSERVATIONS)	VEARS.	公 第42 章 2 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONDITION	
	STATION HABE			

002/846.147 4861 093 2.U\$

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

2.2 NOVRS (1.5.T.) VEARS DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) STATION NAME

CONDITION

SPEED (KNTS) DIR.		4	7 - 10	91 - 11	12 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	% Al	*	MEAN WIND SPEED
z	,			~								7.8	3
Z			,									2.2	q
¥												,	3
ENE		~										+	7
-												5.	3
ESE												7.	,
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SSE		,	,									7	
S		*	-	1.5	•						==	2	
SSW		,		1								1	2
*S			1	2								1	603
WSW												2	£
*			; ; ;									1	~
WWW		-											1 4
ž				L								1.0	3
N.			1 2									1,013	5.3
VARBL													
CALM	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	15.5	į
					4							£.	7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

	1011		STATION MAME			7-1-1	7		YEARS			** **	T. F. C. HONYH
	i				1 1 1	CLASS				1		# 10 m	A) L HOURS (L.S.T.)
	ŀ				8	Сонытон				1			
	•												į
SPEED (KNTS) DIR.	1 - 3	9.7	01 - 7	91 · 11	12 - 21	22 - 27	£6 · 32	34 - 40	27 - 17	48 - 55	% Ai	•	MEAN WIND SPEED
z			c.									6.9	3.1
N.	3	2.	1 .	1								5.3	5.5
¥		1 3										2.5	4.5
		7										5 1	4.2
•	7											1.0	3.5
ese												1.5	3 8
35			۲									1	143
388		10,	-			, ,						3.6	144
8	7.5	5 E 7		2.7								17.6	7.1
SSW	1 1		4 4 7	3 4 5	, ·							11.2	7.6
XS.	•	1 4	3	17								9	1-4
WSW		-		-								4	3 4
*	~		1									305	5.9
WWW	r	-	1 2									7 9	7.6
¥		-	-	7	-							.,	22
XXX	1 2 2	1	2.	1.0	1.						-	6.4	6.1
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	13.9	
	1	3.5.5	27.5	ρ· (1	1 2 2							נייטנינ	1.4
			1	I	l								

2400

TOTAL NUMBER OF OBSERVATIONS

#U.S. GPO 1984 741.348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) COMPITION

MEAN WIND SPEED	200 30	7 2 1	c	303 40	203 20	20 3 20	3.0	3 7 6	7	247	1 5 2	8 2	401		100	in San			*
% 95 Al	12	4	2	-	-			*	78	,,	•	•1	1	~	•	7		× .	•
48 - 55																		$\langle \rangle$	
41 - 47										-		-						\bigvee	
34 - 40																		X	
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17 . 21 22 . 27								2			۲.							$\left\langle \right\rangle$	
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9.7	,	-	-			-		1	-	S 2								X	
1 . 3								-						1		ſ		X	
SPEED (KNTS) DIR.	z	Z	¥	E	_	ESE	*	SSE	•	ASS) SS	ASA	>	WWW	ž	₹ Z	VARBL	CALM	

102/846 174 4861 O40 SUA

SURFACE WINDS

D SPEED SERVATIONS)	YEARS
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	STATION NAME

CONDITION

HOURS (L.S.T.)

SPEED (KNTS)	.:	4 . 6	7 - 10	11 - 16	17 - 21	22 - 27	28 . 33	34 . 45	41 - 47	48 - 55	% AI	×	WEAN
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¥ Z		4.											7 .
Z	•		-	•								1.5	7.5
_	•	•		•								1.0	103
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35				£1								2.4	16.5
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•		10.	7	4								£ .	3 9
SSW		5 4 8		1.3								15.7	1.4
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WSW		3.	4.	2									पुण्ड
*	7 1	0 1										34.	1.43
WN.	``	1 1 1	* • •									1.5	3.6
ž			1.7									10.7	
SX.		5 6	3 . 5	Ĺ •								10.3	
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	71.0	,
	-	4	, y	14 د								~	• •
		a		1									

#O S GPO 1984 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HE CO	1 4 BOURS (1.8 T.)		
STATION NAME	37. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1. 5. 1.	COMBITION	

SPEED (KNTS)	-:	4.6	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 46	41 . 47	48 · 55	3	*	
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>		, ,	42									•	
WWW			1	7								207	
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ZZZ				77								1	
VARBL												-1	
CALM	X	X	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee		\bigwedge	X	7	
												0001	

TOTAL NUMBER OF OBSERVATIONS

SHAOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NONTH MONTH	MOURS (L.S.T.)	
V o ♣ t V	Luffface class	COMPITION
STATION NAME	17	

(KNTS) DIR.		*	7 - 10	91 . 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	S Al		*
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SPEED (KNTS) DIR.		*:	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	% A1	×	MEAN WIND SPEED
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CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee		
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111

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) YEARS . F. A. T. ... C. LASS CONDITION

SPEED (KNTS) DIR.	1 - 3	**	7 - 10	11 - 16	17 . 21	22 - 27	28 · 33	34 · 46	41 - 47	48 - 55	% Al	*	MEAN WIND SPEED
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

COMBITION

Nouns (L.S.T.)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURE (L.S.T.) AONTH YEARS * * CONDITION

SPEED (KNTS) DIR.	- -	*	7 - 10	11 . 16	17 . 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	% Al		×
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VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee		T ● ¥2

REQUENCY OF WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS	CLASS CLASS	HOLLIGHED	
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SPEED (KNTS)	1.3	4.	7 - 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 46	41 . 47	48 - 55	%	*	MEAN WIND
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VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	19.	
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION NAME	HABE					5	YEARS			MONTH	MONTH A
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	ı l				800	CONDITION							
SPEED (KNTS) DIR.	:-	4	7 . 10	11 . 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	99 AI	*	MEAN WIND SPEED
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CALM	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	1.	
			<u>.</u>		1								

107 846 147 4861 Oa9

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) , 15 8 T 15 F 15 CLASS CONDITION STATION NAME

SPEED (KATS) DIR.		*	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 . 40	41 - 47	48 . 55	95 AI	*	MEAN WIND SPEED
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N N		,			-							7	444
VARBL													
CALM	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	27.0	
				•									

#02/8#E-1#/ #86LO39 S'O#

55

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) YEARS COMBITION

SPEED (KNTS) DIR.	- -	4.	7 - 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
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VARBL													
CALM	\bigvee	\mathbb{N}	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	5.4	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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(FROM HOURLY OBSERVATIONS)		CLANS.	CONDITION
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VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	2 • 2	
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375

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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STATION NAME			

SPEED (KNTS) DIR.	1.3	4	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	46 - 55	\$ Al	×	MEAN WIND SPEED
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VARBL													
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TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SPEED (KNTS) DIR.	1.3	4	01 - 7	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	N 36	×	MEAN WIND SPEED
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CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	7.3 + 1	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

V.C.W.	NOUNS (L.S.T.)		
YEARS	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CORPITION	
STATION MANK			

SPEED (KNTS)	1.3	9.7	01 - 7	11 . 16	17 - 21	22 · 27	28 · 33	34 - 40	41 - 47	48 - 55		% AI	* %
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ž				1 1								Ī	7.47
ZZZ			2										10.1
VARBL													
CALM	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigwedge	\ /	E • 9.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 CV	MOURS (L.S.T.)		
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STATION NAME			

SPEED (KNTS) DIR.	 	•	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	Å,	×	MEAN WIND SPEED
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¥Z.				1.4	۲ ۲							5 0	7.1
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	18.5	
						•						ć.	i.

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MOURE (LS.T.) T THOU CLASS CONDITION

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	31 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	% Al	*	MEAN WIND SPEED
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (4.8.T.) YEARS CONDITION

SPEED (KNTS)	1.3	9.7	7 - 10	11 - 16	17 - 21	22 · 27	28 · 33	34 . 45	41.4	44 - 55	% Al	æ	WEAN WIND SPEED
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SPEED (KNTS) DIR.	· -	•	01 · 7	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	95 \	æ	MEAN WIND SPEED
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SURFACE WINDS

HOURS (L.S.T.)

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

#U.S. GPO 1984 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L S T : YEARS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	NOURS (L.S.T.)		
 YEARS	5173	CONDITION	
STATION NAME			
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SPEED (KNTS) DIR.		4.6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	VI 35	×	MEAN WIND SPEED
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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) CONDITION

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NOCD, Federal building Asheville, N. C.

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to Data are derived from 3-hourly observations, and three sets or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. of tables are presented as follows:

- . Annual all years and all hours combined
- 2. By Month all years and all hours combined
 - . By Month by standard 3-hour groups

visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently which the station was meeting or exceeding any given set of minima may be determined from the figure at Several examples in the use of Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for the intersection of the appropriate ceiling column and visibility row. these tables are shown on pages 2 and 3 below.

ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of cellings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.4%. Visibility > 2 miles = 96.9%. Visibility > 1 mile = 98.3%. EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet</p> and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

example # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value observations meeting the lower set of limits, but not meeting the higher set of limits. in the table for the second set of limits. The difference will be the percentage of

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "celling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

NOTE:

Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in re-Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for marks beginning sometime in 1945, but few stations have punched data prior to 1948. summary will, of course, be limited to period of available data. ---

Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below: #2: NOTE:

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Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions: Scattered converted to 3/10 Overcast converted to 10/10 Obscured converted to 10/10 Broken converted to 9/10 Clear converted to 0/10

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NOTE:

STATION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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HOURS (L S.T.)

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STATION NAME

CEILING VERSUS VISIBILITY

MOURS (LST)

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CEILING VERSUS VISIBILITY

STATION NAME

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MOURS (L S T :

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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HOURS (LST)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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TATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

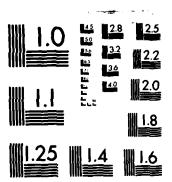
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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MICROCOPY RESOLUTION TEST CHART
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (L S T)

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (L B T)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

STATION NAME.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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STATION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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CEILING							NISI V	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
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CEILING VERSUS VISIBILITY

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HOURS (L S T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

STATION NAME (TEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH HOURS (L S T

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T .

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

HOURS (L S T)

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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(FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	,	2	3	4	5	9	7	œ	6	10	SKY COVER	088.
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		14.3			24.0						17.7	39.5	ř.	311
		นา • 5 ไ			28.6						16.5	42.6	6.5	310
	r-4	12.0			23.01						13.4	41.0	۴.6	310
	2	25.02			ដ 						14.5	40.3	0.	313
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TOTALS	415	.21 • a									1 5	z • 5 ₽	£)	2346

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	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	
MOMTH	(L.S.T.)	0	-	2	က	4	5	9	7	8	6	01	SKY COVER	OBS.
**	•	t)			п • ; 1						12.4	5.4.5	វ	हिन्न हा हान
	٦,	•									11.3	30.7		293
	- ·	14.0			(E) 						15.7	30.4	6.3	282
		•									10.9	36.2	2.0	202
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MONTH	HOURS (L.S.T.)	0	-	2	3	4	20	9	7	80	٥	01	SKY COVER	NO. OF OBS.
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	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				WEAN	TOTAL
MONTH	(L.S.T.)	0	-	2	3	4	5	9	7	∞	6	01	SKY COVER	ogs.
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TOTALS	ALS				5.50						g •	41.2	r.,	24.5

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
WOW	(L.S.T.)	0	-	2	е	4	5	9	7	80	6	02	SKY COVER	NO. OF OBS.
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}	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MOM	(L.S.T.)	0	-	2	3	4	5	9	7	ω	6	0	SKY COVER	ı
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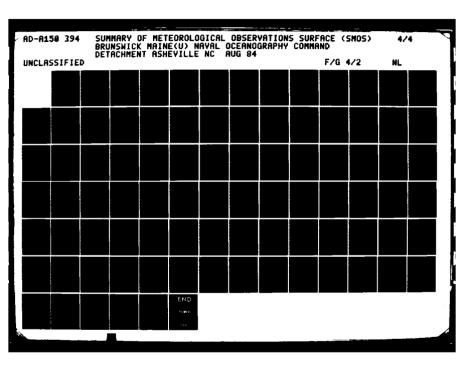
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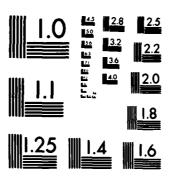
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MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

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	6	19.9	15.8	26.8	29.3	32.5	33.2	30.0	20.6				25.9
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SKY COVER	7								1				
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	9									· · · · · · · · · · · · · · · · · · ·		`	
r OF TENTHS	5												
E FREQUENC	4												
PERCENTAGI	3	27.2	25.8	24.2	28.7	31.3	32.9	37.4	26.8				24.99
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-	MONIA	20.5											TOTALS

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	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	
MONTH	(L.S.T.)	0	-	2	3	-	80	9	7	&	٥	01	SKY COVER	085.
C.	10	27.			17.7						15.3	39.0	5.9	390
	9.0	27.			19.7						16.0	37.3	5.8	300
	1.0	13.3			28.3						19.0	39.3	6.5	300
	C	(°			33.3						25.3	33.3	9. 9	300
	<u>''</u>	4.7			67 97 89						28.3	32.0	6.8	300
	£ .	4.7			37.0						24.7	33.7	4.7	300
	e -	7.0			31.3						24.7	35.0	9.9	300
	25	24.3			21.3						19.7	35.7	5.9	310
TOTALS	NLS	3 4.			0 € 82						21.5	35.7	6.4	2476

SAUNSETCK, ME 1 4 % 1 1

STATION NAME

73-82

100

TOTAL	OBS.	310	310	310	310	313	310	310	310	<u> </u>		24AC
MEAN	SKY COVER	85 e.88	80 80	6.5	9.9	8.9	6.5	0°	5.7			6.2
	10	37.4	36.5	32.6	32.9	32.3	31.9	35.2	35.5			34.3
	6	15.9	1305	26.1	27.1	30.6	27.4	17.7	16.5			21.9
	8											
SKY COVER	7											
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	9											
Y OF TENTHS	5											
FREQUENC	4							`				
PERCENTAGE	3	21.6	22.3	30.3	28.7	26.9	20.4	25.05	21.6			25.3
	2											
	1						i					
	0	24.52	27.7	11.3	11.3	10.3	11.3	21.6	26.5			1 : 0.1
HOURS	(L.S.T.)	23	Ç.	70	'a -	\$\frac{1}{2}	16	1 2	2.5			
	MONIN	S.P.										TOTALS

STATION SPECIES IN ME

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VOV HENOM

	HOURS				PERCENTAGE	E FREQUENC	Y OF TENTE	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	•	20	•	7	&	٥	2	SKY COVER	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A j. N	10	20.0			20.7						15.0	E . 34	7 ° E	300
	\$ c.	24.0			21.0						14.3	40.7	J.	300
	۲. ۲.	7.7			29.3						22.0	41.0	7.9	300
	: : ==0	6			Z8 • J						19.3	43.3	6.9	330
	™	777 •			30.0		ł				23.7	40 • 3	7.1	300
	\$	5.7			20.7						23.3	36.3	7.1	300
	***	13°			28.7						14.3	39.7	6.3	300
	2.5	23.7			21.7						13.3	41.3	6.0	300
····													. ,	
TOTALS	STV	14.4		,	26.1						15.3	F- €:	9.3	2439

SRUNSWICK, ME 1 4 ! 1 1 station

13-82

DE C.

	HOURS			PERCENTAG	E FREQUENC	Y OF TENTE	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	2	3	4	5	9	7	8	6	10	SKY COVER	OBS. C
٥٤٥	.1	27.1		16.1						9•01	46.1	¢•1	310
	a C	23.7		14.3						11.5	£ . 8	6.3	310
	ř.	17.0		27.1						19.8	41.0	5.6	310
	2	17.0		21.9						23.9	41.3	4.9	310
	M: ₩	11.6		3.2.2						23.2	45.6	7.0	310
	÷	13.2		21.0						21.5	£ 6 .2	7.0	310
	61	22.7		17.8						12.0	47.6	9	309
	22	25.9		13.6						14.6	46.0	6.3	308
						:							
TOTALS	NIS	13.4		13.4						1.61	20 99	6.5	2478

PRUTSHICK ME

1 " : 1 1

73-82

J.L.

ALL 21.04 27.07 5 6 7 8 9 10 10.02 ALL 21.04 27.07 11.0.5 11.0.5 11.0.5 11.0.1 11.0.5 12.0.4 11.0.5 11.0.1 11.0.5 12.0.4 12.0.5 11.0.1 11.0.5 12.0.4 12.0.5 11.0.1 11.0.5 12.0.4 12.0.5 11.0.1 12.0.4 12.0.4 12.0.5 11.0.1 12.0.4 12.0.4 12.0.5 11.0.1 12.0.4 12.0.4 12.0.5 13.0.5 11.0.1 12.0.4 12.0.4 13.0.4 11.0.1 13.0.4 13.0.4 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 13.0.5 11.0.1 12.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.5 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.4 13.0.5 13.0.5 13.0.5 11.0.1 13.0.4 13.0.4 13.0.4 13.0.5 13.0.5 13.0.5 13.0.5 13.0.5 13.0.5 13.0.5 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0.1 11.0	į	HOURS				PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN	TOTAL
ALL 21.04 22.09 14.05 40.02 17.07 21.01 16.0 40.02 17.07 21.01 16.0 40.03 17.07 22.04 16.0 40.03 11.01 27.03 41.02 20.0 41.02 11.01 27.04 22.0 43.0 22.0 43.0 11.02 27.04 27.0 40.0 22.0 40.0 22.0 40.0 11.02 27.04 27.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 27.0 40.0 <t< th=""><th>MONTH</th><th>(LS.T.)</th><th>0</th><th>_</th><th>2</th><th>8</th><th>-</th><th>8</th><th>٥</th><th>7</th><th>&</th><th>٥</th><th>2</th><th>SKY COVER</th><th>0.00</th></t<>	MONTH	(LS.T.)	0	_	2	8	-	8	٥	7	&	٥	2	SKY COVER	0.00
17.0 T 23.6 16.3 37.7 17.0 T 21.1 16.9 48.3 11.0 L 27.8 41.2 20.8 41.2 11.0 L 26.7 25.8 40.6 40.6 11.0 L 28.8 26.8 38.1 11.0 L 26.8 38.1 25.9 38.1 11.0 L 25.8 21.5 38.3 10.0 L 25.8 17.9 48.2 10.0 L 25.9 17.1 44.2 10.1 L 25.9 27.5 39.2	MAL	זרר	n • 1 2			.,						3405	40.5	h.D	2482
17.7 T 21.1 16.9 40.3 15.6 22.4 20.8 41.2 11.1 23.3 41.2 22.2 43.4 9.7 26.7 23.9 40.6 11.7 28.8 34.1 25.9 34.1 14.0 26.1 25.9 34.3 35.7 10.4 26.1 26.1 21.9 34.3 10.4 26.1 19.9 40.7 17.1 44.2 10748 15.4 27.5 39.2 39.2			22.4			P)						16.3	• (•	2256
15.66 22.04 41.02	C 4 4		17.7			21.1						•	£ 8 . 3	9.4	2480
11.0 23.0 22.2 93.0 26.0 26.0 23.0 90.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0	9		15.6			22.4						•	41.2	1.4	2430
11.0.7 26.0.7 26.0.8 33.0.7 28.0.8 33.0.7 28.0.8 33.0.7 28.0.3 34.0.1 34.0.1 35.0.7 34.0.1 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 35.0.7 3	44		11.1			-						~	m	7.0	2480
11.0.7 28.08 35.7 11.0.7 28.03 28.01 14.0.6 25.08 34.01 10.0.6 10.0.6 17.01 44.02 TOTAIS 15.0.4 25.00 39.2	3.010		77.			76.7							9.00	7.0	2400
11.0.7 28.08 34.1 14.0° 28.07 28.07 10.0 25.0 34.3 10.0 25.0 13.0 10.0 17.1 44.2 10.0 25.0 39.2	111		٦ - 6			37.4						•	33.7	6.7	2487
P 144.0 28.0 21.5 35.7 T 18.1 25.8 21.9 34.3 V 14.0 25.1 13.4 148.8 40.7 C 10.4 25.0 17.1 44.2 TOTAIS 15.4 25.0 27.5 39.2	, a .					€						1 0	• [9.9	2485
18.1 25.8 21.9 34.3 1u.u 25.1 18.8 40.7 10.u 10.u 17.1 44.2 TOTALS 15.u 25.n 39.2	L.		0 n 1			Œ.						21.5	35.7	6.4	2400
1u.u 26.1 18.8 uD.7 10.u 19.u 17.1 uu.2 TOTALS 15.u 25.n 39.2	1		18.1			•							• (6.2	2485
10.b 12.q 17.1 14.2 TOTALS 15.q 25.0 39.2	A 0.8		7.7			26.1						1.9.8	40.7	5.6	2400
15.4 25.n 39.2) <u>;</u> C		19.4									17.1	• #	•	2478
	101	YIS.	15.4			25.0		i				27.5	39.2	6.5	29216

PART

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows: annual for all years combined.
- Daily maximum temperature
- Daily minimum temperature . م
- Daily mean temperature
- All months Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. of daily extreme temperatures are prepared: 'n
- Extreme minimum temperature Extreme maximum temperature
- A supplementary list also provides extreme temperatures when less than a full month is reported. NOTE:
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
- of observations with dry-bulb and The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread norizontally; by 2-degree intervals of dry-bulb temperature vertically. wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, Also provided for each dry-bulb temperature interval is the total no. which may require two pages in some cases.

A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent. NOTE:

Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point These consist of the sum of The number of obsersquares $(\sum X^2)$, sums of values $(\sum X)$, means (X), and standard deviations (σX) . vations used in the computations for each element is also shown. temperatures are shown in the section at the bottom left of the forms. :

Ċ

dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month. At the lower right of the form are given the mean number of hours of occurrence for six ranges of ວ່

Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not observations recorded during these periods. All values of dew-point temperature and relative reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for humidity are with respect to water, unless otherwise indicated. NOTE:

- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- Dry-bulb temperature Wet-bulb temperature
- Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables. ķ
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. ۾
- Percentage frequency of occurrence of dry-bulb temperature versus wind direction This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm). o

DAILY TEMPERATURES

4 4 7 11 7 4 4 . CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) STATION NAME

TEMP (°F)	JAN.	FEB.	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP.	961	NO.	DEC	ANNOAL
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A					•		13.	•	•	•			٠
A			-	•	\ • 7	•	1.0	40 7		•		<u> </u>	•
4			•	101	7	•	5.5	• 15					•
Al			•	•	101	1.30	36	30 7	• 7 7	•			h • . Z
٨١			7	7		3.1	31.8	46.99	36.			•	34.6
٨١	•		7	4.	•	15.7	40.8	5.00	7.4 • A	41.0	200		100
٨	•	•	3.	1	50.5	1.	1.00	7.00	1.40	F. C. 0.42	1001	3.1	7.5
	•		111.4		70.6	A 0 0			130	50.14	25.0	3.	5.3
77	•	2.	. 60			1.00			3001	45.4	23.4	1.02	65.4
	-	1.	3.2.6	7.5	3.6			1		7.5	10 t	100	
	3.	1 0 D	74.6	H H	1.1.			†		۵۰۵	730.2	43	
1 4		. 5	1.6	3.6						0 0 L	29.7	58.9	3 • 6
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) - -	~ 1	0.30	-1.								159	.1.3	9.00
AI AI		28.3	+-									19.0	9.60
Al	3	29.61						†			* -	0.50	6.0
AI	5.	100	+ -	† 				-				C:	101
٨	~						-						0.001
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MEAN	٠			- 7 ()			. • .			•	• :		7. 0 5
S. D.	•	55206	. 7 .	F 0 3	36.30	(i) [] (i)	5 N • 3	£ • ∑ n4		1075	(1) (1)	6.0	1:0750
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NAVWEASEDVCOM	1					ŀ							

NAVWEASERVCOM

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DAILY TEMPERATURES

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A STARY CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) STATION NAME

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DAILY TEMPERATURES

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DAILY AVERAGE/EXTREME TEMPERATURES

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DAILY AVERAGE/EXTREME TEMPERATURES

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DAILY AVERAGE/EXTREME TEMPERATURES

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DAILY AVERAGE/EXTREME TEMPERATURES

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DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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		1	100 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 2	1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.	1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7 1.0.7	19.7 18.2 9.7 18.4 18.4 18.4 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5
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130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130	13 13 13 13 13 13 13 13	100 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 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X X GX No Obs. 20F 232F 267F 273F 280F 293F Total	ΣX X σx No. Obs. Mean No. of Hours with Temperature 20 F ± 32 F ± 57 F ± 73 F ± 80 F ± 70 total	1.0 0.0 1.24 1.24 1.24 1.24 1.25 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 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130 130 130 130 130
X X 0x No Obs. Amean No. of Hours with Temperature 24 24 24 24 5 7 7 6 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7	24, 24, 24, 24, ξ4, ξ4, ξ4, ξ4, ξ4, ξ4, ξ4, ξ4, ξ4, ξ	1.0.7 0.0 1.0.5 0.7 1.0.5 0.4 1.0.7 130 146 1 1.0.7 130 173 114 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 130 1.0 1.0.7 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Element (X)	, X			×	_	×	χ	\downarrow	No. Obs.				1	Mean No.	of Hours with	with Temperature	rature	ŀ	
Rel. Hum.					-			+			± 0 F	= 32	-	≥ 67 F	273 F	7 80 F	2 93	3 F	Total
Dry Bulb					-			-		+		+				+	+	+	
Wet Bulb		_			_					_									
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Temp.	0 1.2 3.	4 5-6 7-8	9 - 10	13 - 14 15 - 1	WET BULB TEMPERATURE DEPRESSION (F)	21 . 22 23 -	24 25 - 26 27	. 28 29 - 30	231	TOTAL D.B./w.B. Dry	Tr Dry Bulb We	TOTAL Wet Bulb De	Dew Point
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Rel. Hum.						40 F	±32 F	≥ 67 F	≥73 F	≥80 F	≥ 93 F	Total	
Dry Bulb													
Wet Bulb									-				

HOURS (L.S.T.)	TOTAL	1 200	9 63 63								6 976UeC	_
	TOTAL Daw Point	20213	ř.						- ez	\ \[\tilde{\chi} \]	3.6	_
	TOTAL D.B. /W.B.		79213						h Temperat	≥80 F	182.1	
	۲								f Hours wit	≥73 F	540.3	7.6
	28 20 30								Mean No. of Hours with Temperature	≥ 67 F	214.7	17 . 45 7 1
	75 36 37									≤ 32 F	62.71	
	76 26 66								_	± 0 F	112.92262.71214.7	361 72
	WET BULB TEMPERATURE DEPRESSION (F)								No. Obs.	r.,	+	
	WET BULB TEMPERATURE DEPRESSION (F)								σ×		15.369	- T
	WET BULB	, P.							×	1 !	45.3	
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STATION	Temp.	1				į		ĺ	Element (X)	Rel. Hum.	Dry Bulb	Wes Rith

MEANS AND STANDARD DEVIATIONS

SMOLLARING TEMPERATURES DEG F FROM HOURLY 03SERVATIONS

YEARS 25-21 WE SEE STATE STATION ...

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	NOT.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	1.0	19.5		*	•	9	2.	1.	3	3.	5.	*	1.
 C	S. D.	17.500	-	9.276	7.029	5.748	5.960	1.997	5.688	7.421	56	9.196	12.699	17.900
	TOTAL OBS	310	252	310	300	-		-4		C		00	m	~
	MEAN	15.3	17.4	•	•	4	6 1	-		52.5	2.2	35.0	23.	3
	s. D.	13.959	12.594	.71	.36	7.289	6.415	5.583	.21	.86	9	.649		C)
	TOTAL OBS	310	2°2	*	~		300			300	-	C	O	5
	MEAN	7.02.1	16.3	•	•	-		•	•	•	2.6	•		4
•	S. D.	14.543	13.367	9.943	7.251	6.831	6.239	4.392	5.386	7.163	8.642	668.		
	TOTAL OBS	311	222	-	M	-	30	7	-	C	-			
				ļ		- 1			}	- 1	1	١	Ì	-
	MEAN	15.0	24.3		•				71.8		51.5	£ 20 %	27	F. 60 - 50
	S. D.	12.21810	10.725	9.1	9.32	9.612			.		7	• 500	M)	~
	TOTAL OBS	(2.5		•	7	30	31	~	~	~~	5 x	~	365
												!		
	MEAN	c h c	2002	•	0	-	6	•	3	•	٠ •	3	•	•
,	S. D.	1 . 9 34		96.		O	O	•	-	-	~	3	.71	\$
,	TOTAL OBS	310		310	300					300		300	M	365
	MEAN	24.5	29.5	e.	•	59.5	0.80	6.	73.2	64.7	53.7	٥.	30.5	50.0
1, ¹	S. D.	10.836	9.435	~	8 C •	888	. 71	9	•	. 81	.05	4	M	•
	TOTAL OBS	310	2.2	310		310	300	~		₩	~,		-	5
									1			- 1		
	MEAN	70°3	24.0		•	3		*	67.5	•		0	27.2	46.
	S. D.	17.132	10.	7.960	7.624			5.201		5.947		• 526		18.236
	TOTAL OBS	313	282	-	E .	~	C	-		C			Ò	65
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	TOTAL OBS	011	2 % 2	-		-				-	~•	<u>:</u> .	.,	C
	MEAN	0	22.4			-	1	α		a	1	4	٤	10
AIL	Q V		; <u>;</u>				*			. t	, ,	0	7.17	-
HOURS	TOTALOBS	0 0 7 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.4 6.7.6		0 0 0		0 0	7000	4 4 6	2 0	- 4	0 1 0 1	26.26	0 0 0 C
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MEANS AND STANDARD DEVIATIONS

JETH ULD TEMPERATURES NED F FROM HOURLY 09SERVATIONS

28 * MOINSLIPUS TIPET

STATION

1100

STATION NAME

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	, NDL	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	آد•:	17.5		*	3	P.	6	¢.	•	-		2	•
÷.	S. D.	13.173	11.730	#	ij.	ø:	-	12)	-	82	0	. 428	a n	.63
	TOTAL OBS	(A)	202	310		310				~	~	30C	*1	
				1										
	MEAN	13.7	15.7		₩,	*	2.	er •		(2)	0	•	-	
3	s. D.	13.458	12.329	9.828		7 • 3 11	6.357	6.037	6.529	15	402.6	806.	12.91	80
	TOTAL OBS	310	7			*	~	**	~7	300	310	C	~	65
													-	
	MEAN	17.3	14.7		•		9	2	£.	•				•
	S. O.	34.032	12.		7.381	6.610	5.503	4.750	5.735	7.452	.939	• 106		19.227
	TOTAL OBS	311	202	31	a	3		2	-	-	-	C	-	3
			- 1							╽.				
	MEAN	1.0.7		•	•		47	<u>.</u>		3	•	S	52	· • • •
. 4	S. D.	57	10.30	8.825	7.684	7.023		5.464	5.925	6.566	7.548	• 695	_	-
	TOTAL OBS	311	,	-	S	Ħ	S	Ħ	7	C	7	C	77	3
											İ	- 1		
	MEAN	73.7	25.2		N	۲,	C.	• 9	V	-		39.4		•
,	S. D.	1. 450	2	.24	7.336	40000	6.397	5.440	5.039	5.451	7.339	. 505	10	16.977
	TOTAL OBS	310			~	31	5	=	7.		~	O	3.1	65
	MEAN	21.5	25.3	~	:		59.4	65.5		24.62	47.1	38.2	27	' · + 7
•	s. D.	10.325	5.92	7.951	6.985		•	• 2	~	~	?	E . E 1 S	10.1	-
	TOTAL OBS	M	222		8	31		7	-	13	-	30	31	55
														- 1
	MEAN	1. K. 3.	0 . 1 . 3		•	υ. •			fu	9•	~ . # #	-	24.9	,
	s D	11.777	210.6	7.888	5 48 · 3	6.252	•		~	6.377	•	904.	11.5	: :2
	TOTAL OBS	313	205	-	F	7	C	-	110	c	-		-	16.52
								 			İ	1		1
	MEAN	6:0	10.4		•	ď.	C:	0	ن د د	5.7	-	P)	23	39
÷	S. D.	12.339	1	.28	•	5.413		.11	S	<u>ټ</u>	Š	N 01.	11.9	~
	TOTAL OBS	313	232	310	C	=	C		-	E .	-	C	3	55
													-	
AII	MEAN	17.0	23.1		8 0	œ.	•	2	:		P 7	s.	7	
HOURS	S. D.	12.638	•	9.259	7.862	7.381	•	5.917	6 . 349	• 2	8.746	N . 7 .	1 2 •0	17.841
	TOTAL OBS	242	2256	0.1	5	248	9	£	5	5	=	9	247	1

MEANS AND STANDARD DEVIATIONS

13

DEL-POINT TEMPERATURES DEG F FROM HOURLY CRSFRVATIONS

73-R2 STATION NAME SPUSSETOR . STATION 1651

ANNUAL	,,	20.839	365	•	•01		1	33.9	• 1		35.9	20.861	3653	•		•	ĺ	36.3	• 17	2652	38.5	97 (1651			20.587	•			200002	>
DEC.		6	3	16.0	0	310		15.4	•		18.5	.74	310	19.7	14.6	31	- [16	-	31	17.8	-	33	1	1 6 7	15.	0		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-	-
NOV.	29.1	12.003	ı	28.6	. 382	300		2 R . K	•	300	-	12.209	~	31.5	12.2	30		30.6	12.2	30	30.	. 35	~		5 6 6 2	12.2	30		29.8	=	05/
OCT.	37.6	11.45	M	• 9	11.446	31		•	-	31	6	11.14	3		-	31		39.2	11.5	31	39.0	11.09	3	١,	37.9	~	21	١,	58.62	→	748
SEP.	40.64	n	300	#33	9.38			•	3.707	3.0	-	8.92	~	51.5		•		51.		33	C ·	() () ()	643		S • ∷ S		30		# O C C		0 * ~
AUG.	57.4	4	3 2 2		7	31		5.9.9		2	0	7.92	M	9.65		11		3		31	•		7	Ι,	~ ·	• •	7	,	# (I		242
JUI.	۱ ۵	6.89		6.95	7	310		59.1	~	-	59.7		310	\$ 65	7.953	~		59.	7.6	31	•	-	31	- ,	58.2	•	31	1	7.8.6.		362
JUN	51.2	2	30.5	•	•	a		53.1	6.176	Ċ	m	3	~	53.6		O		9	7		•	-	30	Ι,		*	30		M3 (7.531	_
MAY	41.1		. M	٤.	6 0	310		42.7	•02		m.	₩,	~	~	10.645	~			9.878	-	42.8		-4		# 5° #	30	3			•	x
APR.		. 7	,	a	10.905	Ì		30.2	•	a		11.265		31.2	11.10	~		31.6	10.901	4	30.9	-	30	-	30.4	_	2		300	10.865	
MAR.		12.227		•	13.616	310			751		:	3.713	310	2.	13.42				12.731	-	21.7	12.684	-	- [,		12.896	-	ĺ,	200	13.341	2487
FEB.	0	*	•	4.9	16.216			5.0	16.58	282	11.4	. 4		13.7	14.356	282		13.5	14.493	2 % 2	12.2	*	282		10.7	15.437	202		7.01	15.52	225b
JAN	7.5	v		9	16.522	310		ر م	15.758	311	1.00	15.2.0	311	1104	14.657	310		11.2	14.7.7	313	r.	15.747	313		7.0	15.902	310		3		2432
	MEAN	s. D.	TOTAL OBS	MEAN	S. D.	TOTAL OBS		MEAN	S. O.	TOTAL OBS	MEAN	s. D.	TOTAL OBS	MEAN	S. D.	TOTAL OBS		MEAN	S. D.	TOTAL OBS	MEAN	S. O.	TOTAL OBS		MEAN	S. D.	TOTAL OBS		WEAN	S. D.	TOTAL OBS
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DE CHOINGAPER STATION

STATION NAME

73-82

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PERIOD

(LSI) 10% 20% 30% 40% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50		HOURS			PERCENTA	GE FREQUENCY	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
G1 100.0 19.7 97.7 96.5 62.9 65.5 43.5 44.5 100.0 100.0 99.7 97.4 85.8 67.4 44.5 100.0 100.0 99.7 97.4 85.8 67.4 44.5 100.0 100.0 99.7 97.4 85.8 67.4 44.5 100.0 100.0 99.7 96.5 92.3 60.0 41.0 26.5 100.0 100.0 98.7 71.9 78.7 61.6 40.0 100.0 100.0 98.7 91.9 78.7 61.6 40.0 100.0 100.0 98.7 91.9 78.7 61.6 40.0 100.0 98.7 91.8 90.8 74.7 55.5 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8 36.8	MONTH	(1.5.1.)	%0t	20%	30%	40%	50%	%09	20%	80%	%0 6	HUMIDITY	OBS.
4 100.0 100.0 99.7 98.7 65.8 67.4 44.5 17 100.0 100.0 99.7 97.4 65.8 67.4 44.5 17 100.0 99.7 97.4 65.8 67.4 44.5 17 100.0 99.7 96.5 42.3 60.0 41.0 26.5 17 100.0 99.7 96.2 73.9 57.1 40.0 27.1 10 100.0 100.0 98.7 71.9 78.7 61.6 40.0 17 100.0 99.9 97.8 90.8 78.7 51.6 40.0	.' Å 8.	ا ن	100.3		7.16	3.90	~	65.5	43.5	26.5	4.0	67.5	310
17 103.0 103.0 99.7 97.4 85.8 67.4 44.8 1.0 103.0 100.0 99.7 91.6 75.9 52.7 36.0 17 103.0 99.7 96.5 92.3 60.0 41.0 26.5 17 103.0 99.7 94.2 73.9 57.1 40.0 27.1 17 103.0 99.4 97.7 89.7 72.9 48.4 31.6 40.0 17 103.0 98.7 71.9 76.7 61.6 40.0 17 175.0 99.8 97.8 90.8 74.7 55.5 36.8		.7	100.0		8 2	M	•	P	3	• [9.7	67.8	310
17 100.0 170.0 29.0 31.6 75.9 52.7 36.0 17 100.0 29.7 96.5 32.3 60.0 41.0 26.5 17 100.0 29.4 97.7 88.7 72.9 48.4 31.6 17 100.0 98.7 71.9 76.7 61.6 40.0 170.0 98.7 91.9 76.7 56.5 36.8 36.8		8 -2	រិក១•ព		4.66	•	5.	67.4		24.5	11.3	69.3	310
17 100.0 99.7 96.5 42.3 60.0 41.0 26.5 17 100.0 99.7 94.2 73.9 57.1 40.0 27.1 10 100.0 100.0 98.7 72.9 48.4 31.6 27 100.0 100.0 98.7 71.9 76.7 61.6 40.0 1100.0 100.0 98.7 91.9 76.7 55.5 36.8		10	107.5	170.0	•	-	5.	2.	•	2	5.6	68.2	311
10 100.0 09.7 94.2 63.9 57.1 40.0 27.1 10 100.0 09.4 97.7 58.7 72.9 45.4 31.6 10 100.0 98.7 71.9 75.7 61.6 40.0 10 10 10 10 10 10 10 10 10 10 10 10 10			100.0		5.96	2	£0.00	~4	26.5	17.1	a	59.0	310
10 100.0 100.0 98.7 72.9 48.4 31.6 100.0 100.0 100.0 98.7 71.9 78.7 61.6 40.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0		· <u>-</u>	100.0	•	3	3.	7.	C)	•		7.4	58.8	318
100.0 100.0 98.7 91.9 76.7 61.6 40.0 40.0 110.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0		-	100.0		97.7	58.7	72.9	* 2 5	31.6	423	7.4	62.2	310
170.0 99.9 97.8 74.7 55.5 36.8		ς,	100.0	100.0	98.7	91.3	•	61.6	0.	2.	7.7	65.7	310
8 30° 8 7.87 85.5 36.8													
8-90 99.8 7.87 55.5 36.8													
130.00 99.90 97.85 X 4.7 55.5 36.8													
8-96 3-96 7-4-7 8-00 8-79 8-90 30-01 1													
	5	TALS	135.0	6 6 6	97.8	70° 8	74.7	55.5	36.4	21.4	6.6	2-49	2401

DM * MORROLPES - ERECT

STATION

STATION NAME

73-92

F E B

1170	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
Z O	(L.S.T.)	10%	20%	30%	40%	50%	%0 9	%02	80%	%06	HUMIDITY	ogs.
(á. 1. s	7.	10 n o n	100.0	36.96	21.5	77.3	9.59	す。じす	22.0	7.1	65.3	282
	.,	100.0	100.0	98.6	3.6	82.3	63.5	C: 4	24.8	9.6	67.1	282
	•	.ខេក១	100.0	98.0	£ . 40	81.2	63.8	45.7	25.5	9.2	4.19	292
	ر مسع	137.0	100.0	96.5	85.5	51.3	66.3	33.0	17.4	6.7	ი•ე9	282
	-	106.n	99.6	91.8	72.5	51.8	36.2	22.7	13.1	6	54.7	282
: ! !	- 1	100.0	38.6	87.2	6.69	52.4	15.1	23.4	12.4	# · 3	54.2	282
ļ	e	100.0	190.0	7.36	F. 4. B.	64.9	46.1	33.7	17.7	7.4	9.09	282
	C.	រិស្ធិ.ព	130.0	97.7	92.2	74.1	54.3	35.A	20.6	7.8	0.49	282
5	TOTALS	100.0	3•€€	9.50	5.53	66.2	50.8	a. 3 M	19.2	7.9	61.7	3226

BRUNSWICK, MF 10.11

STATION

13-62

Q T

HONTH

	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRI	ATER THAN			MEAN	TOTAL
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	%09	20%	80%	%06	HUMIDITY	OBS.
€.3 48 7 ⊋	•	155.0	59.7	3.80	61.6	ಚಿಡಿ. ಒ	67.4	48.7	29.7	11.3	4.84	310
	90	130.7	100.0	99.0	93.2	83.2	1.69	51.6	34.5	14.5	70.2	310
	. 1	100.0	180.0	100.0	53.2	83.9	65.8	E 60 #	34.5	13.5	8° 0.9	310
		150.0	200	93.5	79.4	61.9	47.1	35.5	21.9	11.0	50.7	310
	P .	99.7	97.1	87.1	70.0	51.9	37.7	55.8	17.1	A.8	55.3	310
	19.7 ~4	100.0	37.4	87.4	73.5	55.A	\$0.3	28.7	18.1	5 • #	56.4	310
	1.5	160.0	39.4	94.2	83.9	70.0	52.3	35.5	23.9	10.0	62.6	310
	£ 23	100.0	09.7	96.A	99.7	76.1	61.6	45.2	29.4	11.3	66.5	310
- ~- 												
TOT	TOTALS	133.0	2.60	34.5	4.46	7C . 4	2.52	43.6	26.1	10.9	63.7	2480

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13-82

A P Q

STATION

STATION NAME

PERIOD

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	085.
** ***		100.0	170.0	130.0	\$6.7	31.6	74.0	60.0	40.7	17.7	73.6	300
	7 tr	100.0	44.1	99.3	57.7	90.0	79.7	65.0	D • # #	19.3	75.1	300
	₽ ** €23	100°C	100.0	09.3	95.7	83.0	67.7	50.7	37.7	19.3	71.1	300
	3	100.0	08.7	90.3	7107	53.3	39.0	28.7	19.0	10.0	57.1	300
	p- 4	100.0	06.7	82.7	64.0	48.7	34.7	27.5	16.0	7.7	53.3	300
	يا منبو	100.0	36.0	84.7	73.0	5.00	40.7	31.3	18.7	7.7	56.2	300
	Ç" gad	100.0	0 • 60	S• #6	7.8g	71.7	56.3	39.0	23.7	10.7	63.5	300
	1:	100.0	7.66	99.3	54.3	61.	63.0	50.0	32.3	16.0	69.7	300
TOT	TOTALS	100•ព	7.8.7	93.7	6.48	71.1	56.9	C • # #	29.0	13.6	65.0	388Z
												1

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HONTH

STATION NAME

9

	HOURS			PERCENTA	GE FREQUENCY	OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
MOM	(L.S.T.)	10%	20%	30%	40%	50%	%09	20%	80%	%06	HUMIDITY	088.
≯ #I ↓	10	165.1	103.0	100.0	5 • €	2•35		74.8	£003	21.3	7.97	310
	. 3	100	100.0	100.3	# • 65	a e e c	90.6	81.0	57.4	25.2	81.4	315
	4.	163.0	100.0	0.65	97.1	88.7	75.9	57.7	39.7	17.7	73.5	310
	: -•	137.0	78.7	92.3	9,0,	61.6	46.1	32.6	22.3	ď.	60.1	310
	7.1	101.0	37.4	86.5	70.6	53.5	39.0	26.1	16.1	4.1	55.5	310
	- 1 	137.n	3 • 8 °	90.3	74.7	62.3	S • \$ \$	30.3	18.7	7.1	58.6	310
	ن	100.0	3.60	97.4	4 · Ou	30°C	68.1	49.1	28.4	10.6	67.8	310
	2.5	100.0	170.0	7.66	97.1	92.3	81.3	67.1	43.9	16.1	75.7	310
	;											
TOTALS	ALS	150.0	2000	5.56	6.85	19.1	66.2	52.2	34.6	14.1	68.9	2400

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34-51

JUN.

HONTH

STATION

STATION NAME

	HOURS			PERCENT,	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONIH	(1.5.7.)	10%	20%	30%	40%	50%	%09	20%	80%	%06	HUMIDITY	OBS.
× iii	0.1	190.0	136.0	100.0	170.3	150.0	97.3	ເ ຫ	56.3	24.0	82.5	320
	ar Çv	190.3	19C•a	100.0	1:0.0	99.3	7.16	91.7	69.3	29.3	8. 9. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	300
	P	100.0	100.0	100.0	29.7	97.7	0.78	63.3	43.0	25.0	77.1	300
		153.0	130.0	7.76	97.3	73.0	54.3	38.7	7.92	11.7	64.5	370
		130.0	170.0	93.7	78.3	63.3	47.7	35.3	21.7	7.7	60.2	ខ ្ល
- 1	uk era	103.3	100.0	65.€	62.7	67.7	50.7	34.7	24.3	7.7	62.0	30 8
	<i>U</i> −•	130.0	100.0	7.60	3.5	35.3	68.7	49.7	31.0	10.9	1.69	300
!	€	100.0	100.0	100.0	170.0	97.7	90.0	72.3	45.7	19.0	78.8	370
·												
	TOTALS	130.0	100.0	586	32.6	3.00	73.8	5.9.8	39.8	16.7	72.5	2400

4

SEPTIMENT AND 1.4.2.2.2

12-27

MONTH

STATION

STATION NAME

	HOURS	·· —-		PERCENT,	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	°.09	%02	%08	%06	HUMIDITY	0.08 0.04
<u>ا</u> ج		a•	177.0	ា០១•	1 70°C	100°0	3.70	57.7	67.4	30.3	84.2	310
	3.0	107.0	100.0	100.0	100.0	99.7	3. 80	93.5	75.5	34.2	36.1	310
	•	130.0	100.0	100.0	100°C	98.7	91.6	70.3	48.1	30.6	79.0	310
 	((150.0	130.0	69.7	73.2	74.2	53.2	35.9	23.5	7.6	64.4	310
i i	·	101	100.0	4.80	64 40	£0.4	40.6	27.7	16.1	7.7	58.9	310
	**	100.0	175.0	6.6	46.5	71.5	47.7	31.9	18.4	\$	61.6	310
	•	132.0	100.0	5.00	96.5	87.7	74.2	52.3	32.9	1.03	8.	510
	.	100.0	100.0	100.0	1:0.0	C. • • •	91.3	75.3	5.82	16.8	79.3	310
.01	TOTALS	1000	170.0	4.04	75.1	86.3	74.3	59.4	0.54	17.0	73.0	3.42

POPSETOK - ME T 4. 1 I

20-21

MONTH SUA

STATION NAME

	HOURS	 -		PERCENT	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN	i		MEAN	TOTAL
MONTH	(1.5.1.)	10%	20%	30%	40%	50%	3609	70%	%08	%06	HUMIDITY	085.
\$67	- -4 ₹.1	100.0	100.0	100.0	175.3	49.4	03.1	91.6	75.2	55.9	95.8	310
	3.6	100.n	100.0	100.0	100.0	100.0	J•66		79.4	30.4	F.7.R	310
	r:	163.0	130.0	100.0	1.0.0	n°65	95.2	8 4 6	65.9	25.5	83.0	318
i	; 	100.1	100.0	7.66	55.5	82.9	58.7	41.5	27.4	a	67.1	310
	-	150.0	100.0	98.1	0.66	48.7	47.1	32.9	18.7	7.1	61.7	310
- 1	4	170.3	100.0	7.30	ن 1 ن	74.8	57.4	36.1	20.3	7.8	4. 43	310
	, • a⊷•f	100.0	130.0	7.60	7.80	5.00	87.4	66.1	C. • ₩	12.3	75.6	310
!	f :	100.0	178.0	100.0	100.0	99.7	95.5	80 31 80	61.6	20.0	82.3	310
				 					-			
	TOTALS	.00:	100.0	5.66	5.93	8 ° 6 3	79.8	66.7	\$ a	10.0	76.3	2480

DESCRIPTION OF THE PERSON

73-02

HONTH

STATION

STATION NAME

2

	HOURS	! !		PERCENT	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
E NO	(1.5.7.)	10%	20%	30%	40%	50%	%09	70%	%08	%06	HUMIDITY	OBS.
(a.)	5	100.0	0°321	1 GB • C	າທີ່ເ	۲.6۰	95.3	F. 20	67.3	37.3	8.8.5	300
	.	100.0	170.3	160.3	100.0	39.3	97.3	57.7	73.0	F	86.7	นีย
	5 70	100.0	100.0	160•€	1:0.0	0.06 0.06	0.96	3. 5.	67.6	39.7	84.9	300
	f :	103.5	170.0	100.0	ପ ୫ ୯	34.3	62.3	Mi T T	27.7	14.€	58.3	376
	P- 	133.0	105.0	\$ 66	ນ • ຫຼ	65.7	46.5	31.7	22.3	ವ • c	62.1	376
	: ~	100,0	100.0	J. 66	51.3	75.7	55.7	F • 75	72.7	12.7	65.0	ე_% ე_%
	,	187.8	100.0	168.។	7.65	56.7	83.0	63.0	C • # #	10.0	76.2	308
	6	133•0	1:0.0	100.0	100.3	1.65	92.7	79.3	56.7	2.65	81.8	379
				i					4		الماد الماد	
								7				
 				<u> </u>			· ·	: :				
					1		· .					
TOTALS	115	£ 3.0 ¢ £	0.001			C.	76.5	63.7	47.6	25.4	76.3	2400

DR AND TAKE OF

HONTH

STATION NAME STATION

24-57

n in Con	HOURS			PERCENTA	GE FREQUENCY	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
	(L.S.T.)	10%	20%	30%	40%	50%	°09	70%	%08	%06	HUMIDITY	OBS.
5		c.	1.0°0	100.0	∴ 6 6	2.46	4.7.8	74.5	56.1	29.0	80.2	310
1	- 1 - 1	100.0	1.0.0	1.00.0	# 6;	\$. \$	# 60 00	78.7	63.2	34.2	9.19.	310
•	•	193.3	100°	100.0	e • 6 .	96.1	89.0	77.1	ۍ. ۵•۵	30.6	81.1	310
	ا		100.0	3.8 6	۲۵•3	75.8	55.8	D•0*	21.9	10.6	65.0	310
•	: es		10001	63.9	73.4	ပ • ၂	42.3	3 6 • 6	16.1	7.1	58.3	E M
•		100.0	4.6	94.5	1.9	გ ნ.	\$ 6 \$	32.6	19.7	đ a	6. 3	310
		50 50 50 50 50 50 50 50 50 50 50 50 50 5	155.0	100.0	2.3	38.1	73.64	58.7	35.5	14.2	72.7	313
	•	56.	170.5	100.1	7.4	5.26	83.2	67.7	48.7	25.5	77.4	310
· · · · · · · · · · · · · · · · · · ·			:									
TOTALS	ALS	: C • :		n		5.00	71.7	57.0	45.2	20.0	72.2	3642

STATION

STATION NAME

71-32

HONTH A O :

	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	%01	20%	30%	40%	20%	°.09	20%	80%	%06	HUMIDITY	OBS. OF
1.015	• •	30.01	0•១∴1	139.0	; 6 ;	ु• क्ष	₹•1¤	54.7	£.0.⊕	2 - 2	77.5	ü E K
	3	103.7	£-0u1	100.0	3•6€	95.3	80 3 80	67.7	F.). 3	30∙0	78.6	376
	ŗ	183•ท	170.0	100.0	9.3	7 . 49	85.7	69.3	52.3	28.3	78.9	E C
		6.101	100.0	1.60	92.3	78.7	0.49	49.7	32.7	14.3	69.6	300
	Pr		100°D	96.3	ۥ54	67.5	1.0 th	36.0	25.3	15.7	63.1	300
		 	130.0	97.7	2•9€	72.7	54.3	37.7	26.3	16.D	64 . E	308
	7	137.7	1.70.0	99.3	7.40	85.7	72.7	57.7	38°.	\$ • a	72.4	JUB
	e.	C	166.0	130.7	C1 80	89.7	78.0	62.3	44.3	22.3	75.3	ງູ່ເ
												\$
101	TOTALS	10.0	1:3.3	99.1	11	7.40	71.3	55.6	39.9	22.2	72.5	2400

STATION STATION

STATION NAME

PERIOD

23-65

S S C

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	%09	20%	80%	%06	HUMIDITY	OBS.
313	,	132.3	170.0	180.0	ક • લ	ට ර හ	75.1	29.5	37.5	17.5	73.3	309
	.n	₽•001	170.0	100.0	27 • 4	90.6	78.0	ଜ୍ୟୁ	® • □ #	21.9	74.6	379
	F	107.0	1.00.1	49.7	\$6.4	3°06	79.3	63.4	43.7	4. 02	75.0	300
	i. 4	100.0	130.0	7.66	2.40	हर ज इस्	71.3	3.63	31.0	18.7	70.3	310
	-	130.3	₹. 6€	97.1	5.8.7	67.7	50.3	35.5	24.2	14.5	63.4	310
		100.7	50.7	9 B • 4	50°	70.3	54.3	38.1	21.3	13.9	64.5	310
	£; +-1	:3a.	190.3	₫•66	75.1	60 (A) (A)	65.7	47.6	29.4	17.5	4.00	309
	r.	10.0	100.0	100.0	8	85.7	73.8	55.0	33.0	18.1	71.9	379
TOTALS	ALS	170.0	6.65	5.66	\$ * # S	83.1	6.8 • S	51.2	32.6	17.7	70.3	2475

BE WOLLD TO STORE STATION

STATION NAME

73-67

PERIOD

AL L HONTH

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONIH	(1.5.1.)	,01	20%	30%	40%	50%	%09	70%	%08	%06	HUMIDITY	OBS.
;; ;;	172	100.១	. O. E	97.8	30.B	74.7	5.53	36.9	21.4	ф. ф.	2.49	2481
i u.		135.0	29.8	95.6	45.5	68.2	5₽ . 8	34.5	19.2	7.0	61.7	2256
24.5		107.0	2000	94.6	3.1 9	73.4	55.2	40.0	26.1	10.9	63.7	2a62
2 2		100.0	7.90	93.7	0.7	71.1	56.9	(* # #	29•0	13.6	65 e.t.	2400
<u>۲</u>		າດດ•ີ	. 9.2	95.7	6. 83	1001	2•99	2.53	34.6	14.1	68.6	242J
·		107.3	100.0	98.3	52.6	85.5	73.8	58.8	39.8	16.7	72.5	2400
J. G.		100.0	100.0	9.66	د5.1	36.7	74.3	89.4	45.0	17.0	73.0	2496
3117		100.0	100.0	5.65	G • 9	8.08	79.8	66.7	# @ #	19.0	76.0	2430
a L		100	0-231	99.8	4.70	92.6	78.5	63.7	47.6	25.4	76.3	2470
CT		185.9	100.0	48°	72.5	33.6	71.7	57.0	40.2	20.0	72.2	2400
KON		163.3	133.0	99.1	2.45	E . 43	71.3	55.6	30.9	25.2	72.5	2400
ef C		100.0	30.9	2.60	9•# ₀	83.1	68.5	51.2	32.6	17.7	70.3	2475
TOTALS	ALS	100.0	7.60	91.6	J: 1 . C	30.6	6.99	51.7	35.1	16.0	69.7	29212

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

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	77.9	- I	~ · ·	•	آج م	7.5	i	17.5		202	•
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	22.5	15.	7.0	,	9 d	6.3	- 1	14.2	29.01	127	
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

JANUARY 1977-05 CLMRED 1927 FEL BUARY

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112 12 115											
197 TO 111			 	-							
192 13 106			!		 						
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32 10 36											
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77 TC 81											
8 01 22		-									
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15 70		 									
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	2003	7.4	¢.		į	!	9.5	1101	12.3	325	7.0
 	27.9	12.7	C4:			~~	3 0 00	15.8	14.2	\$25	14.7
· · · · · · · · · · · · · · · · · · ·	3	14 . 2		•	:		9.0	18.0	15.3	330	15.5
- +		•	1.3	•			0°01	19.3	16.0	300	13.3
			•	+	1 . 2	2	3 6	24.5	23.6	C 12 P4	11.1
	72.5		-		.5	~	70 3	17.7	30.0	203	9.0
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NAVWEASERVCOM

OF AIR TEMPERATURE	
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FREQUENCY	• • • • • • • • • • • • • • • • • • • •
PERCENTAGE	

WIND DIRECTION

JAHLAOY 1973-DECENPER 1982

HOURS LISTA

3 2 21.6 22.09 15.7 6.2 °°, OF TOTAL 200 5 402 7 22 7 263 **~** 7 TOTAL FREQ. 3 7.7 20.4 ر د 5.6 16.7 0.0 22.3 7304 220 711.7 13.3 10.6 11.3 23.0 20.0 24.0 22.0 22.0 22.0 11.5 1101 9.3 > > z z > •d 176.0 9. 4 - 3 5 - 3 7. 3 2 6 2 4 6 6.9 3 1103 ر د د 9.7 × • × 7 . \$ \$ **8** 16.3 10.7 13.2 C • 73 1101 15.3 \$ \$ W WIND DIRECTION 31.3 1 3 7 c C 2 9 8 13.2 2103 r. 3 6. 55 £ 6 500 5.7 38 8 3 9.0 17.6 15. 4 14.3 ÷ ... 70.6 7 . . 30.3 4.60 19.3 10° 15.7 100 : 2 2 2 40 9 67 7 22 70 26 32 1.7 30 12 27 72 47 10 51 45 75 46 4 01 7 701 33.10-29 1 1 2 TOTALS 111 01 10 72 10 -5 1. . . .

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

Tedy NON JANUARY 1973-BUCCHEFU 1992

EC.R.

2.5 4.5 21.4 15.7 3001 Jun2 7 1603 COF TOTAL 207 ۲. ت 107 216 377 12.7 Ç. **J** TOTAL FREQ. 27.4 0 . 7 11.7 5.5 12.0 1 F . B 5.3 1001 26.1 CALM 23.6 20 . E 55.5 15.0 13.2 13.4 16.5 11.6 14.6 10.0 13.3 26.0 7.3 12.62 4. • 400 11.5 12.1 12.5 % S % 8 0 14.6 3.0 7.3 7.2 15.3 7.9 WIND DIRECTION \$ 500 29.3 77.66 22.0 £ • 2.2 5 . 4 0 30 ~1 500 2000 න ල් ග න ල 3 2 5 . C 3.3 e: 17.9 13.5 16.7 3 / 2 / 2 / TOTALS

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

				>	WIND DIRECTION	CTION					
TEA.P.	3 Z Z Z ≪	2 7 2 ≈0	33 W	ESE & SE	\$ \$ 3 5 6	\$5 W	wsw %	> z × x	CALM	TOTAL FREG.	°, Of 101AL
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102.10.06		-									
101 01 74											
92 TO 76							103.0			•	']
87 10 41	0 °C							50.05		c	-
82 10 36	3			7.1	25.6	7.1	7.1	34.45		7.7	• 6
77 10 81	1.2.1		C:	2 6.3	45.5	1502	15.2	6.1		2.6	. •
5 5	15.7	100	6 1	200	37.0	13.0	7.07	16.7	1.9	17 17	202
5. 40.3	3		3.2	1.2	35.2	15.2	£ . 4	13.6	3	125	5 6 3
02 17 60	C	\$ \$		7.5	17.7	13.5	7 . 3	О 6	6°	244	£ 6.
15 01 55	11.2	7.0		7.7	71.2	15.2	3.5	3.7	U e	401	16.2
52, 10, 56	11.5	11.2	•	ć• ċ	35.5	10.4	4.1	7.8	1105	е в 6	21.7
12 01 74	12.1	11.	0.0	3.	22.5	11.8	, O	8.1	16.2	510	25.9
42 10 45	7	7.6	73 5.	6.9	15.5	7 0 7	3	5,7	24.0	367	14.8
14 O1 7	17.3	0	t. • 3	2.3	1.5	7.5	13.5	13.5	34.5	133	5.4
32 70 36	10.6			-		7.5	18.6	7.5	46.5	£ 77	1.7
27 10 31 1				-			16.7		9 3 . 3	9	
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

JANUARY 1977-PECEMIES 1782

WIND DIRECTION

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212176											
112 15 115		-									
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101 CT 48											
92 7.0 %					3•7:			5.00		C	•
10 0 2 29	12.5			6. 40	25.0	25.	3	25.0		16	. 7
82 . 0 8c	7.0	\$.			19.6	26.1	4.3	30.4	4.23	94	1.0
18 CT 17	2.6	4 . 4			31.0	78.7	F. 9. 7.	14.9	7. e. %	67	1.6
72 10 76	9.0	9.6	7.3	2.5	37.6	19.7	1.0	14.2	5.1	197	8.2
./ C1 /e	5.7	~7	64 C)		46.45	22.6	6.4	3 6	6.3	349	14.5
62 70 69	(II)	6.1	0.4		37.0	19.4	3.7	ਰ • 9	10.2	527	22.0
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

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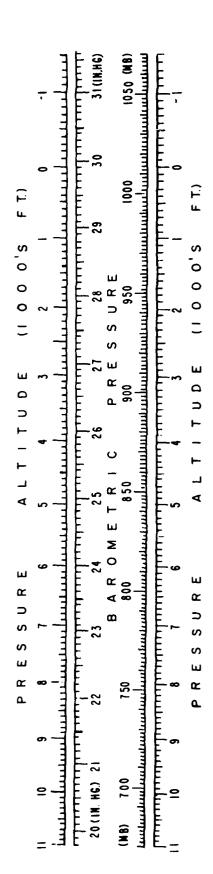
PART F

PRESSURE SUMMARY

for all hours combined. All years of data available are combined in both of these tables, although the overall of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding Presented in this part are two tables giving the means, standard deviations, and total number of observations The same computations are also provided at the bottom of the page period is limited to January 1946 through December 1963 because of changes in reporting practices before and to the eight 3-hourly synoptic times GCT. after those dates.

- . Station pressure in inches of mercury.
- . Sea-level pressure in millibars.

altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

THE LEVEL PRESSURE IN MBS FHOM HOURLY OF SERVATIONS

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STATION	!		STAT	ATION NAME						YEARS			ļ	
HRS.(L.S.T.)		JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	1013.3	1014.91	013.8	N	3.8	3.5	3.2	15.6	5.3	~	1015.3	7	•
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	TOTAL OBS	313	292	-		-4	k 3	-4	-	C	310	300		3652
	MEAN	1013.4	1014.81	013.5	3	1013.4	101	13.3	1015.6	16.2	1916.2	1015.3		3
-	S. D.			1.105	9.227	6.533	6.927	5.812	4 6 5 5	7.036	9.469	94.01	-	01.6
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	MEAN	1014.7	1015.6	3 0 11	13.0	m.	14.1	13.9	16.4	17.1	17.	015.0	16.	15.
€.	S. D.	ä	711.26511	. 333	9.278	5.679	7.109	5.862	5.112	7.065	3.4591	0.742	5 . 1	9.372
	TOTAL OBS	311	252	31	~		C:	31	3	300	-	**		W
	MEAN	1012.6	.61014.01	013.1	11.9	3	13.5	13.2	15.6	6 • 7	1915.	C1 4 . 5	014.	34.
	S. D.	11.935	1.93510.7821	11.118	8.97	6.563	7.057	5 . B . C	5.087	6.975	9.23	0.510	11.854	9.196
	TOTAL OBS	313	252	7	5	-	CI.					C :		5
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	MEAN	1:12.7	1013.81	012.6	1.4	2.9	3.0	2.7	0	3	5	014.6	014.	•
-	S. D.	11.87510.361	10 • 361	16.675	8.836	6 - 323	7.037	5.129	5 . 338	6.370	9.0131	0.105	11.676	686.8
	TOTAL OBS	310	2:2		C		□ [-		Γ.	-	30	-	
	MEAN	1013.4	.41014.91	013.5	12.3	13.5	13.3	1013.0	15.3	1016.0	16.3	1015.5	5.	1014.3
	S. D.	12.019	2.01910.2361	0.5	199	5.989	6.876	5.497	4.885	408.9	8 . 995	9.847	1.5	8.891
	TOTAL OBS	310	282	7	330	-	d	-	-	C.2	-	T.	C	3651
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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM MOURLY OSSERVATIONS

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HRS.(L.S.T.)		JAN	FEB.	MAR.	APR.	MAY	NOC	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	338.0	29.93	861	25	6.1	52	3 7	2 3	34	36	33	0	29.880
•	S. D.	-	•		.270	G -	202	.169	. 143	202	.274	.363	.339	92
	TOTAL OBS	CIN	25.2		-	~	3.0		-	0		d	-	3652
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	MEAN	30.848	29.989	52	2	90	51	111	2	32	32		9.89	29.878
	S. D.	946	. 327	. 32		.192		.171	3	.207	.279	• 308	.341	~
-	TOTAL OBS	310		310	37	=	300		310	C	-			5
	MEAN	33.856	306.62	75	3	3	75	6 8	30	55	57	19	C 3	
•	S. D.		. 330	.335	275	•	20	.172	. 147	3.2.€	.279	. 313	. 345	27
	TOTAL OBS	311	302	31	H	-	C	-	-	C	-4		~	
	MEAN	268.05	29.014	77	11	29.875	7.1	29.863	29.937	57	59	29.925	~	
	S. D.		. 332	. 33	27	61	2	-	5	C.	~	_	u?	.276
	TOTAL OBS	311	N 0: 0:	M	0000	310	300	310	210	300	310	300	310	-21
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	MEAN	79.82529	.367	80	29.803	3	51		12	25	61	82	29.869	•
	S. D.	N I N	.317	.32	3	61.	.20	~	.150	•206	.272	4000	045.	.271
	TOTAL OBS	200		M			***	310		_	~	30		5
				,										
	MEAN	~	29.85029	.824	29.789	13	37	27	95	C)	29.913	85	~	S
	S. D.	0		.315	.25	•	.25.7	.168	. 148	-202	.266	.298	346	• 265
,	TOTAL OBS	310	23.2	**		2	C	-	-4	C 3	-	30	-	5
	MEAN	29.850	198.95	29.852	5	51		9	5	N.	35	11	0	-
	S. D.	3 in	30	. 31	.25	.177	.202	.162		.203	. 265	.290	340	.262
	TOTAL OBS	310		3	30	-		-	-	0	-		C	40
	MEAN	70.882	29	38.6	29.834	6.9	62	29.853	22		4	29.912	C	29.887
۲,	s. D.	. 354		•	•26	~	.203	.163	. 142	#C2*	.274	• 292	. 341	25
	TOTAL OBS	3.10	23.2	31		310	30	-		C	-	E 7	23	
:	MEAN	20.88.00	29.89029	. 955	9 6	29.863	55	29.847	17	29.934	29.936	20.00		29.880
All	S. D.	.372		. 32	.26	~	. 205	16	. 147	~	N		445.	
CHOOL	TOTAL OBS	2402	2256	24	2	2490		2430	ac.		Ø	247	김	

END

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